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The invention relates to a novel nucleic acid molecule expressed in liver or stomach tissue, useful for diagnosing or treating obesity, anorexia etc. The nucleic acid molecule is useful as a diagnostic and therapeutic agent or as a target for agents which act as modulators and/or monitors of physiological processes associated with obesity, anorexia, weight maintenance, impaired muscle development, diabetes and/or metabolic energy levels and/or other physiological conditions. Alkylguanine alkyltransferase (AGT)-110, AGT-110, AGT-107, AGT-107, AGT-116, AGT-115 and/or AGT-108 genes of the invention and the agent that modulate their expression or activity are useful in manufacturing a medicament for treating a condition characterised by obesity, anorexia, diabetes and/or energy imbalance. The invention is useful in gene therapy. The present sequence is human AGT-114 protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Leber's hereditary optic neuropathy. LHON, mitochondrial encephalopathy lactic acidosis and stroke, MELAS; mycolonic epilepsy ragged red fibre syndrome, MERRF; cancer; neuroprotective, nootropic; antidabetic; anticonvulsant; antiarthritic; osteopathic; ophthalmological; cycostatic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Identifying a mitochondrial target for drug screening assays and for treating diseases associated with altered mitochondrial function, comprises detecting a modified polypeptide in a sample and correlating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human heat mitochondrial protein as a therapeutic target SeqID2509
                                                                                                                                                                                                                                                                                                                              DB 6; Length 395;
.. 2.1e+02;
ches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  screening assay; diabetes mellitus;
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                                                                                                                                                                                                                                                                                                                              Score 6; DB 6; Pred. No. 2.10; Mismatches
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                Example 13; Page 64-65; 115pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Huntington's disease; osteoarthritis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADJ70703 standard; protein; 395 AA.
                                                                                                                                                                                                                                                                                                                              30.0%;
100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Zhang B,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          12-APR-2002; 2002US-0372843P.
17-JUN-2002; 2002US-0389987P.
20-SEP-2002; 2002US-0412418P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           04-APR-2003; 2003WO-US010870
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                                                                                                                                                                                                                                                                                                                                                                6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              mitochondrial; human;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI; 2003-845369/78.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Fahy ED,
                                                                                                                                                                                                                                                                                                                                                                                                                                   365 OMLETK 370
                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                               13 QMLETK 18
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                                                                                                                                                                                                                                                                                             Sequence 395 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WO2003087768-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (MITO-) MITOKOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         06-MAY-2004
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Warnock DE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADJ70703;
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Glenn GM;

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This invention relates to novel mitochondrial targets that can be used for thereapeutic intervention in treating a disease associated with altered mitochondrial function. Specifically, it refers to a method for identifying proteins of the human heart mitochondrial proteome that are useful for drug screening assays, as well as therapeutic targets. The present invention describes a method for identifying such proteins that can be used in the treatment of various diseases associated with altered mitochondrial function including diabetes mellitus, Huntington's disease, osteoarthritis, Leber's hereditary optic neuropathy (LHON), mitochondrial encephalopathy lactic acidosis and stroke (MELAS), myoclonic epilepsy compositions have neuroprotective, nootropic, antidiabetic, attianthibit, osteopathic, ophthalmological and stroke distributions in this polypeptide sequence is a human heart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   screening
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      the 6213 antisense sequences given in the specification where expression of the nucleic acid inhibits proliferation of a cell. Also included are: (1) a vector comprising a promoter operably linked to the nucleic acid encoding a polypeptide whose expression is inhibited by the antisense nucleic acid; (2) a host cell containing the vector; (3) an isolated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Antisense; prokaryotic essential gene; cell proliferation; drug design.
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Xu HH;
                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New antisense nucleic acids, useful for identifying proteins or scre
for homologous nucleic acids required for cellular proliferation to
isolate candidate molecules for rational drug discovery programs.
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                                                                                                                                                                                                                                                                                                            DB 7; Le...
No. 2.1e+02;
0; Indels
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Forsyth RA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Protein encoded by Prokaryotic essential gene #34552.
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                                                                                                                                                                                                                                                                                                                         30.0%; Score 6; DB 7
100.0%; Pred. No. 2.1
live 0; Mismatches
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                                                                                                                                                                                                                                                     mitochondrial protein of the invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          21-MAR-2001; 2001US-00815242.
06-SEP-2001; 2001US-00948993.
25-OCT-2001; 2001US-0342923P.
08-FEB-2002; 2002US-00372851.
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                                                                                                                                                                                                                                                                                                                                                                6; Conservative
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Trawick JD,
                                                                                                                                                                                                                                                                                                                                                                                                                                365 QMLETK 370
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Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                        Sequence 395 AA;
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Wall D,
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chippeptide; (5) producing the polypeptide; (6) inhibiting cellular polypeptide; (5) producing the polypeptide; (6) inhibiting cellular proliferation or the activity of agene in an operon required for proliferation; (7) identifying a compound that influences the activity of the gene product or that has an activity against a biological pathway of the gene product or that has an activity against a biological pathway of agene product or that inhibits cellular proliferation; (8) identifying a gene required for cellular proliferation or the biological pathway in which a proliferation-required gene or its gene product lies or a gene on which the test compound that inhibits proliferation of an organism acts; (9) manufacturing an antibiotic; (10) profiling a compound's activity; (11) a culture comprising strains in which the gene product is overexpressed or underexpressed; (12) determining the extent of which each of the strains is present in a culture or collection of strains; or (13) identifying the target of a compound that inhibits the proliferation of an organism. The antisense nucleic acids are useful for den discourse proliferation of an organism or screening for homologous mucleic acids required for cellular proliferation to for a solutional confidence in a compound that inhibits the description of a confidence or a confidence or collection of a confidence or collection or description of a confidence or collection or description of a confidence or collection of a confidence or collection or description or description or description or description or description or description or descr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     drug discovery programs, or for screening homologous nucleic acids required for proliferation in cells other than S. aureus, S. typhimurium, K. pneumoniae or P. aeruginosa. The present sequence is encoded by one of the target prokaryotic essential genes. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at the printed for the printed for the printed for the printed for the printed patent for the printed patent for the printed patent for the printed patent for the printed format directly from WIPO at the printed for the pr
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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polypeptide or its fragment whose expression is inhibited by the
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         30.0%; Score 6; I
100.0%; Pred. No.
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11-JUL-2000; 2000US-00614150.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WPI; 2001-656860/75
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 434 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WO200171042-A2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            27-SEP-2001
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                           13
     The invention relates to an isolated nucleic acid detection reagent capable of detecting 1000 or more genes from Drosophila. The invention useful in developmental biology and in elucidaring cell signalling and cell-cell interactions in higher eukaryotes for the development of insecticides, therapeutics and pharmaceutical drugs. The invention discloses genomic DNA sequences (ABL16176-ABL30511), expressed DNA sequences (ABL16175) and the encoded proteins (ABBS7737-ABB72072). The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        New isolated nucleic acid detection reagent for detecting 1000 or more genes from Drosophila and for elucidating cell signaling and cell-cell
                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Drosophila; developmental biology; cell signalling; insecticide;
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                                                                                                                                                                                                                               Length 444;
                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Drosophila melanogaster polypeptide SEQ ID NO 11019.
                                                                                                                                                                                                                              Score 6; DB 4; Les
Pred. No. 2.3e+02;
                                                                                                                                                                                                                                                               Mismatches
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                                                                                                                                                                                                                 30.0%; Sco.
100.0%; Pre
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11-JUL-2000; 2000US-00614150.
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                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                          Best Local Similarity
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                                                                                                                                                                                                Sequence 444 AA;
                                                                                                                                                                                                                                                                                                LETKFL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      pharmaceutical
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                                                                                                                                                                                                                               Query Match
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Sequence 444 AA;

Disclosure, SEQ ID NO 27402; 21pp + Sequence Listing; English.

ABR58452

RESULT 1

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ABR58452 standard; protein; 571 AA.
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2001US-0328056P.

2001US-0328414P.

2001US-0330442P.

2001US-0330442P.

2001US-0341058P.

2001US-0341058P.
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2001US-0327342P.
2001US-0327917P.
2001US-0328029P.
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2002US-0381635P.
2002US-0383830P.
2002US-00262839.
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2002US-0373805P.
2002US-0374738P.
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2001US-0346357P.
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Edinger SR, Bill.
Thinda R, Leach MD, Li.
WE. Shimkets
                                                                                                                                                                                                                                                                                                                            haematopoietic disorder
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WPI; 2003-381625/36.
N-PSDB; ACC72164.
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12-0CT-2001;
15-0CT-2001;
22-0CT-2001;
24-0CT-2001;
24-0CT-2001;
29-0CT-2001;
01-NOV-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17-APR-2002;
19-APR-2002;
23-APR-2002;
                                                                                                                  07-JUL-2003
                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens
                                                                                                                                                                Human NOV47c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     09-OCT-2001;
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12-APR-2002;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                29-MAY-2002
                                                                       ABR58452;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       This represents a human GPR38 variant (GPR38V) polypeptide. GPR38V can be expressed by standard recombinant methodology. The polynucleotides and polypeptides are used in the treatment of bacterial, fungal, protozoal and viral infections, infections caused by HIV-1 or HIV-2, pain, cancers, diabetes, obesity, anorexia, asthma, Parkinson's disease, acute heart failure, hypertension, urinary retentions, osteoporosis, allergies, ulcers, migraine, psychotic and neurological disorders, or dyskinesias. They are also useful for identifying agonists and antagonists that are potentially useful in therapy, as vaccines to induce immunological response in a mammal. The polypeptides may also be used as immunogens to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New human GPR38V polypeptide and polynucleotide, useful for treating e.g. bacterial, fungal, protozoal and viral infections, cancers or allergies, as vaccines, and for identifying agonists and antagonists potentially
                                                                                                                                                                                                                                                                                                                                                                                                                                       GPR38V; variant; antibacterial; cytostatic; analgesic; antiasthmatic; anti-Parkinsoniam; hyperansive; antidiabetic; osteopathic; antiallergic; antimigraine; neuroleptic; nootropic; anticonvulsant; antiulcer; antiemetic; cardiant; vaccine; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             produce antibodies immunospecific for the polypeptides, and to identify
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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30.0%; Score 6; DB 4; Length 444; 100.0%; Pred. No. 2.3e+02; iive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                          Human GPR38 variant GPR38V polypeptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       membrane bound or soluble receptors
                                                                                                                                                                                                                                                      AAG65822 standard; protein; 501 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (SMIK ) SMITHKLINE BEECHAM CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 1; Page 26; 32pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            28-FEB-2001; 2001WO-US006277.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         01-MAR-2000; 2000US-00516315.
                                                                                                                                                                                                                                                                                                                                                 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Elshourbagy N, Shabon U;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                               6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2001-638956/73.
                                                                                                                                      334 LETKFL 339
  Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRGAPM 90
                                                                                          15 LETKFL 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     useful in therapy.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       N-PSDB; AA166989.
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                                                                                                                                                                                                                                                                                                 AAG65822;
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Matches
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RESULT 13

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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABRS8465.4 ABRS8469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cachexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    or
                                                                                                                        immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkinsonian; antilipaemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NOVX polypeptides and nucleic acids useful for diagnosing, preventing treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , Anderson DW, Boldog FL, Burgess CE, Catterton E, Bilerman K, Gerlach VL, Gorman L, Guo X, Ji W; each MD, Li L, Miller CE, Patturajan M, Rieger DK; E, Shimkers RA, Smithson G, Spytek KA, Taupier RJ; Voss EZ, Zerhusen BD, Zhong M;
                                                                                                              Human; NOV; antidiabetic; anorectic; antibacterial; virucide;
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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABR58363-ABR58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cachexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        mitochondrial; human; screening assay; diabetes mellitus;
Huntington's disease; osteoarthritis;
Leber's hereditary optic neuropathy; LHON;
mitochondrial encephalopathy lactic acidosis and stroke; MELAS;
myoclonic epilepsy ragged red fibre syndrome; MERRF; cancer;
neuroprotective; nootropic; antidiabetic; anticonvulsant; antiarthritic;
osteopathic; ophthalmological; cytostatic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Identifying a mitochondrial target for drug screening assays and for treating diseases associated with altered mitochondrial function, comprises detecting a modified polypeptide in a sample and correlating
NOVX polypeptides and nucleic acids useful for diagnosing, preventing treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human heat mitochondrial protein as a therapeutic target SeqID2869.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           This invention relates to novel mitochondrial targets that can be
                                                                                                                                                                                                                                                                                                                                             30.0%; Score 6; DB 6; Length 577; 100.0%; Pred. No. 2.8e+02; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gibson BW,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Claim 1; SEQ ID NO 2869; 180pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADJ71063 standard; protein; 731 AA.
                                                                                                  Claim 1; Page 265; 487pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Zhang B,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              04-APR-2003; 2003WO-US010870.
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17-JUN-2002; 2002US-0389987P.
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(BUCK-) BUCK INST AGE RES.
                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                             pharmacogenomics
                                                                                                                                                                                                                                                                                                           Sequence 577 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             546 OMLETK
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                                                                                                                      Gaps
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       disorders, haematopoietic disorders and various dyslipidaemias
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                                                                            30.0%; Score 6; DB 6; Les 100.0%; Pred. No. 2.8e+02; ive 0; Mismatches 0;
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2001US-0327917P.
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2001US-0328044P.
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2001US-0329414P.
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2001US-0341058P.
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2002US-0371972P.
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29-MAY-2002; 2002US-0383830P.
01-OCT-2002; 2002US-00262839.
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                                                                                                                                                                                                                                                                                                                                                                     (first entry)
                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          haematopoietic disorder
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                                                           Query Match
Best Local Similarity
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                                           Sequence 571 AA;
                                                                                                                                                           OMLETK
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15-OCT-2001; 2
17-OCT-2001; 2
22-OCT-2001; 2
24-OCT-2001; 2
24-OCT-2001; 2
29-OCT-2001; 2
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17-APR-2002;
19-APR-2002;
23-APR-2002;
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05-OCT-2001;
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12-APR-2002;
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Homo

ABR58460

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Glenn GM;

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WPI; 2004-365511/34.
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Best Local Similarity
Matches 6; Conserv
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              altered mitochondrial function. Specifically, it refers to a method for identifying proteins of the human heart mitochondrial proteome that are useful for drug screening assays, as well as therapeutic targets. The present invention describes a method for identifying such proteins that can be used in the treatment of various diseases associated with altered mitochondrial function including diabetes mellitus, Huntington's disease, osteoarthritis, Leber's hereditary optic neuropathy (LHON), mitochondrial encephalopathy lactic acidosis and stroke (MELAS), myoclonic epilepsy ragged red fibre syndrome (MERRF) or cancer. Accordingly, these ompositions have neuroporotective, nootropic, antidiabetic, antidiath, antiarthritic, osteopathic, ophthalmological and cytostatic activities. This polypeptide sequence is a human heart mitochondrial protein of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       antibacterial, virucide, antipsoriatic, cytostatic, gene therapy, vaccine, inflammatory, CNS, immune disorder, cancer, psoriasis, diabetes, early aging, hormonal imbalance, ischemic heart disease;
                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    anti-inflammatory; dermatological; neuroprotective; immunomodulator;
for therapeutic intervention in treating a disease associated with
                                                                                                                                                                                                                                                                                                                                                                             0;
                                                                                                                                                                                                                                                                                                                                    30.0%; Score 6; DB 7; Length 731; 100.0%; Pred. No. 3.4e+02; ive 0; Mismatches 0; Indels
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2002US-0429275P.
2002US-0429302P.
2002US-0429326P.
2002US-0429326P.
2002US-0439651P.
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2002US-0426384P.
2002US-0426394P.
2002US-0426430P.
2002US-0426430P.
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2002US-0422178P.
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2002US-0430684P.
2002US-0430937P.
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2002US-0421552P.
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                                                                                                                                                                                                                                                                                                                                                                                6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                          542 PRGAPM 547
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Best Local Similarity
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30-OCT-2002;
30-OCT-2002;
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15-NOV-2002;
15-NOV-2002;
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27-NOV-2002;
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05-DEC-2002;
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polynucleotide sequence or its complement that encodes a polypeptide. I nucleic acid is useful in preparing a composition for treating or preventing inflammatory, CNS, immune, bacterial or viral disorder, cancer, psoriasis, diabetes, early aging, hormonal imbalance, ischemic heart disease or ulcerative colitis. This sequence corresponds to a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              K, Beaurang PA, Behrens D;
Linnemann T, Pierce K, Wang Y;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New nucleic acid molecules, useful in preparing a composition for treating or preventing e.g. inflammatory, CNS, bacterial or viral disorders, cancer, psoriasis, diabetes, ischemic heart disease or ulcerative colitis.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 8; Length 847; 3.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Claim 14; SEQ ID NO 1159; 532pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     30.0%; Score 6; D
100.0%; Pred. No.
Live 0; Mismatch
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Kothakota S, Lin H,
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Zeng C;
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                                                                                                                                                                                                                     17-JAN-2003, 2003US-0440B21P.
18-APR-2003, 2003US-0440B21P.
18-APR-2003, 2003US-0460310P.
18-APR-2003, 2003US-0463700P.
18-APR-2003, 2003US-0463716P.
18-APY-2003, 2003US-0467312P.
02-MAY-2003, 2003US-0467201P.
02-MAY-2003, 2003US-0467201P.
19-MAY-2003, 2003US-0471306P.
19-MAY-2003, 2003US-0471306P.
22-MAY-2003, 2003US-0471306P.
22-MAY-2003, 2003US-0476621P.
09-JUN-2003, 2003US-0476631P.
09-JUN-2003, 2003US-0476631P.
09-JUN-2003, 2003US-0476631P.
09-JUN-2003, 2003US-0476631P.
08-JUL-2003, 2003US-0485211P.
08-JUL-2003, 2003US-0485211P.
05-DEC-2002; 2002US-043195BP.
12-DEC-2002; 2002US-043145BP.
12-DEC-2002; 2002US-043325IP.
13-DEC-2002; 2002US-0433316P.
13-DEC-2002; 2002US-043316P.
23-DEC-2002; 2002US-043316P.
23-DEC-2003; 2002US-043316P.
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15-JUL-2003; 2003US-0486891P-
15-JUL-2003; 2003US-0486891P-
08-AUG-2003; 2003US-0493341P-
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Wong JGP, Wu G, Zhang H,
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NOVX polypeptides and nucleic acids useful for diagnosing, preventing or treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
immunomodulator, cytostatic, nootropic, neuroprotective, dyslipidaemia, antiparkfunsonian, antilipaemic, gene therapy, metabolic disorder, diabetes; obesity, infection, cachexia, cancer, Parkinson's disease, neurodegenerative disorder, Alzheimer's disease, immune disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Alsobrook JP, Anderson DW, Boldog FL, Burgess CE, Catterton B; Edinger SR, Ellerman K, Gerlach VL, Gorman L, Guo X, Ji W; Kekuda K, Leach MD, Li L, Miller CE, Patturajan M, Rieger DK; Rothenberg ME, Shimkers RA, Smithson G, Spytek KA, Taupier RJ; Vernet CAM, Voss EZ, Zerhusen BD, Zhong M;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 30.0%; So
Best Local Similarity 100.0%; P
Matches 6; Conservative 0;
                                                                                                                                                                                            2001US-0326483P.
2001US-0327342P.
2001US-0327917P.
2001US-0328029P.
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2001US-0328056P.
2001US-0328849P.
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2001US-0330142P.
2001US-0341058P.
2001US-0339266P.
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2001US-0349575P.
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2002US-0373805P.
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2002US-0381101P.
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                                                                                                                                                                    02-OCT-2002; 2002WO-US031358
                                                       haematopoietic disorder
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N-PSDB; ACC72166.
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                                                                                                              WO2003029423-A2.
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17-0CT-2001;
22-0CT-2001;
24-0CT-2001;
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29-OCT-2001;
01-NOV-2001;
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17-APR-2002;
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16-MAY-2002;
                                                                                     Homo sapiens
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09-OCT-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        New compound for treating, imaging, diagnosing or prognosing mantle cell lymphoma, comprises a binding moiety (e.g. antibody) that binds to a protein (e.g. human autotaxin polypeptide), and a further moiety (e.g. nucleic acid).
                                                                                                                                                                              cytostatic, gene therapy, binding moiety; medicine; imaging; diagnosis; prognosis; mantle cell lymphoma; cancer.
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0
                                                                                                                                                       Human adult male brain KIAAA0960 protein for cancer treatment.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Human; NOV; antidiabetic; anorectic; antibacterial; virucide;
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100.0%; Pred. No. 5.2e+02;
iive 0; Mismatches 0;
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                                                                       ADL15079 standard; protein; 1290 AA.
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29-JUN-2002; 2002GB-00015095.
                                                                                                                             (first entry)
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     385 LETKFL 390
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                                                                                                                                                                                                                            Homo sapiens.
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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABRS8363-ABRS8469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, candexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
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100.0%; Pred. No. 5.8e+02;
iive 0; Mismatches 0;
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                                                                                                                                                                        immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkinsonian; antilpaemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NOVX polypeptides and nucleic acids useful for diagnosing, preventing treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Alsobrook JP, Anderson DW, Boldog FL, Burgess CE, Catterton E, Edinger SR, Ellerman K, Gerlach VL, Gorman L, Guo X, Ji W, Kekuda R, Leach MD, Li L, Miller CE, Patturajan M, Rieger DK, Rothenberg ME, Shinkers RA, Smithson G, Spytek KA, Taupier RJ; Vernet CAM, Voss EZ, Zerhusen BD, Zhong M;
                                                                                                                                                            anorectic; antibacterial; virucide;
                                                            ABR58453 standard; protein; 1545 AA
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2001US-0328044P.
2001US-0328056P.
2001US-0328849P.
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2001US-0341058P.
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2002US-0371980P.
2002US-0373261P.
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2001US-0327917P.
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                                                                                                             (first entry)
                                                                                                                                                            Human; NOV; antidiabetic;
                                                                                                                                                                                                                           haematopoietic disorder
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1393 QMLETK 1398
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N-PSDB; ACC72165.
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15-OCT-2001; 2
22-OCT-2001; 2
24-OCT-2001; 2
24-OCT-2001; 2
24-OCT-2001; 2
24-OCT-2001; 2
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12-APR-2002;
17-APR-2002;
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                                                                                                                                      Human NOV47d
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associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cachesia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
                                                                                                                                             Gaps
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RJ;
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                                                                                                                DB 6; Length 1545; . 5.9e+02;
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                                                                                                             30.0%; Score 6; DB 6
100.0%; Pred. No. 5.9
iive 0; Mismatches
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2001US-0327342P.
2001US-0328017P.
2001US-0328044P.
2001US-0328044P.
2001US-0328044P.
2001US-032843P.
2001US-0339414P.
2001US-0330142P.
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2001US-0330142P.
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2002US-0373261P.
2002US-0373805P.
2002US-0374738P.
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2002US-0371972P.
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2002US-0381635P.
2002US-0383830P.
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                                                                                                                                          6; Conservative
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                                                                                                                             Local Similarity
                                                                                                                                                                      13 QMLETK 18
                                                                                      Sequence 1545 AA;
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09-0CT-2001;
12-0CT-2001;
15-0CT-2001;
17-0CT-2001;
24-0CT-2001;
24-0CT-2001;
29-0CT-2001;
01-NOV-2001;
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17-APR-2002;
19-APR-2002;
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29-MAY-2002;
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Claim 18; SEQ ID NO 117; 185pp; English
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N-PSDB; AAI60237
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                                                                                                        The present invention relates to novel human NOV proteins and their coding sequences (ACC72015-ACC72181 and ABRS8363-ABRS8469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, canceri, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
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, Zhao QA;
                                      NOVX polypeptides and nucleic acids useful for diagnosing, preventing or treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
                                                                                                                                                                                                                                                                                                                                                                                                                  Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer; peripheral nervous system; CMS; Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic; amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic; chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
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Zhang J,
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ches 0; Indels
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Yang Y,
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Xue AJ,
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100.0%; Pred. No. 5.9
Live 0; Mismatches
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rman T, Xu C,
Drmanac RT;
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                                                                                         Claim 1; Page 260; 487pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                Human polypeptide SEQ ID NO 6012.
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2000US-0055317.
2000US-00598042.
2000US-00620312.
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2000US-00662191.
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Yang Z, Wehrman T,
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Matches 6; Conservative
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           2003-381625/36
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                                                                                                                                                                                                      Sequence 1549 AA;
           WPI; 2003-381625,
N-PSDB; ACC72167
                                                                       pharmacogenomics
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25-APR-2000;
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encoded polypeptides (AAM3864-AAMA2213) with nootropic, encoded polypeptides (AAM3864-AAMA2213) with nootropic, immunosuppressant and cytostatic activity. The polynucleotides are useful in gene therapy. A composition containing a polypeptide or polynucleotide of the invention may be used to treat diseases of the peripheral nervous system, such as peripheral nervous injuries, peripheral neuropathy and contral nervous system diseases, such as localised neuropathies and central nervous system diseases, such as alzheimer's, parkinson's disease, Huntington's disease, amyotrophic clateral sclerosis, and Shy-Drager Syndrome. Other uses include the cutilisation of the activity, chemotactic/chemokinetic activity, haemostatic and thrombolytic activity, arthritis as: Immune system suppression, and thrombolytic activity, arthritis and inflammation, leukaemias and construction of the printed specification data for this patent did not form the part of the printed specification.
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Novel nucleic acids and polypeptides, useful for treating disorders such as central nervous system injuries.
                                                                                                                                                                                                  The invention relates to human nucleic acids (AAI57798-AAI61369) and the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mouse; Alzheimer's disease; Gamma secretase; Psn gene; P-element; EP; APPL-SV; Amyloid precursor-like protein; APP; suppressor of hairless transcription factor; Su(H); VP16 activation domain; dementia; memory loss; language deterioration; impaired visuospatial skill.
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Pred. No. 5.9e+02;
0; Mismatches 0; Indels
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                                                                                                                         Example 2; SEQ ID NO 6012; 10078pp; English
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100.0%; Pre
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Matches 6; Conser
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The invention relates to identifying a compound comprising exposing cell expressing gene I having enhancing or suppression effect on an APPL-SV phenotype (a transgenic fruit fly expression effect on an APPL-SV protein, APP, as a fusion protein with the suppression of hairless protein, APP, as a fusion protein with the suppressor of hairless cranscription factor, Su(H) and VPIG activation domain. The fusion protein is cleaved by gamma secretase (encoded by the Psn gene) to protein is cleaved by gamma secretase (encoded by the Psn gene) to protein is cleaved by gamma secretase (encoded by the Psn gene) to clease the Su(H-VPIG, which affects wing vein development. Genes affecting PP processing the APPS SV line with an EP P-element insertion library, and the DNA recovered from the appropriate EP strain and sequenced) chosen from AD000864, Debing the indentified fruit fly genes affecting APP processing and their mammalian homologues, identifying modulation of Alzhaimer's disease (AD) symptoms of AD and an agent that cocell in absence of agent. Also included are regulating AD (involves providing a subject with AD or symptoms of AD and an agent that changes the expression or protein expression vector comprising the subject with the agent) and composition (comprising a nucleic acid encoding a polypeptide or an expression vector comprising the subject with AD, or regulation of gene expression or protein function of gene or protein associated with AD, or regulation of gene expression or protein associated with AD, or regulation of gene expression or protein associated with AD, or regulation of gene expression or protein associated with AD, or regulation of gene expression or protein associated with AD, or regulation of gene expression or protein associated with AD, or regulation of gene expression or protein associated with AD, or regulation of gene expression or protein associated with AD, or regulation of gene expression and active and an antibody that specifically binds to the having increased susceptibility to AD or 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        24. .1588
/label= Mature protein
/note= "mature SECP1 is also specifically claimed in
claim 1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SECP1; secreted protein; human; diagnosis; therapy; lung cancer.
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100.0%; Pred. No. 6e+02;
tive 0; Mismatches 0
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/label= Signal_peptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20-JUL-2000; 2000WO-US019890.
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Best Local Similarity 100...
6. Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1568 AA;
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The present sequence is that of novel secreted protein SECP1, which is predicted to localise in the plasma membrane. The protein shows homology to the detected to localise in the plasma membrane. The protein shows homology to the SECP1 cDNA were detected in endothelial cells, pancreas, adipose, adrenal gland, chyroid, mammary gland, myometrium, uterus, placenta, prostate, testis, and in neoplastic cells derived from ovarian carcinoma, breast carcinoma, prostate carcinoma (bone metastases) and melanoma. SECP1 was also highly expressed in a small cell lung cancer, a large cell lung cancer, and a non-small cell lung cancer, and wey be useful as a target for the consmall cell lung cancer. The predicted SECP1 protein showed homology to human XIAA0960. The invention provides 9 novel SECP secreted proteins (see AAB20155-63), nucleic acids encoding them (see AAF30188-96).

Cationical and to identify agents that modulate the expression or activity of SECP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0;
                                                                                                                                                                                       New polypeptide designated SECP, its encoding nucleic acid and its immunospecific antibody, useful for diagnosing, preventing and treating SECP-associated disorders such as cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer; peripheral nervous system; neuropathy; central nervous system; CNS; Allaheimer's; Parkinson's disease; Huntington's disease; haemostatic; amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic; chrombolytic; drug screening; arthritis; inflammation;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         30.0%; Score 6; DB 4; Length 1588; 100.0%; Pred. No. 6e+02; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                            Claim 1; Fig 1; 124pp; English.
 99US-0144722P.
                                19-JUL-2000; 2000US-00619252
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21-JAN-2000; 2000US-00488725.
25-APR-2000; 2000US-00552317.
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                                                                                                    Fernandes
                                                                (CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1393 OMLETK 1398
                                                                                                                                       WPI; 2001-091973/10.
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                                                                                                                                                       N-PSDB; AAF30188
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20-JUL-1999;
29-NOV-1999;
                                                                                                    Shimkets RA,
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  The invention relates to human nucleic acids (AAIS7798-AAI61369) and the encoded polypeptides (AAM8642-AAM42213) with nootropic, immunosuppressant and cytostatic activity. The polymucleotides are useful in gene therapy. A composition containing a polypeptide or polymucleotide of the invention may be used to treat diseases of the peripheral nervous system, such as peripheral nervous injuries, peripheral nervous localised neuropathies and central nervous system diseases, such as Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic lateral sclerosis, and Shy-Drager Syndrome. Other uses include the utilisation of the activities such as: Immune system suppression, Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
                                                                                                                                                                                                  Wang D;
Zhao QA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  and thrombolytic activity, cancer diagnosis and therapy, drug screening, assays for receptor activity, arthritis and inflammation, leukaemias and C.N.S disorders. Note: The sequence data for this patent did not form part of the printed specification
                                                                                                                                                                                                                                                                                                                                                  Novel nucleic acids and polypeptides, useful for treating disorders such as central nervous system injuries.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkinsonian; antilopemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Pred. No. 6e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                             Qian XB,
Yang Y,
                                                                                                                                                                                             Ma Y, Xue AJ,
                                                                                                                                                                                                                                                                                                                                                                                                                  Example 4; SEQ ID NO 2440; 10078pp; English.
                                                                                                                                                                                             Liu C, Asundi V, Chen R,
Wang Z, Wehrman T, Xu C,
Goodrich R, Drmanac RT;
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                  19-JUL-2000; 2000US-00620312.
03-A02-2000; 2000US-0065450.
14-SEP-2000; 2000US-00665191.
19-OCT-2000; 2000US-00693036.
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2000US-00598042
                                                                                                         29-NOV-2000; 2000US-00727344
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nes 6; Conservative
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                                                                                                                                                                                                                                                                                    WPI; 2001-442253/47.
N-PSDB; AAI58451.
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                                                                                                                                                      (HYSE-) HYSEQ INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1588 AA;
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                                                                                                                                                                                             Tang YT,
Wang J, W
Zhou P, G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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Matches
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AC ABRE
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DT 07-J
DE Hume
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KW Hume
XW antel
XW dial
XW Aidl
XW Aid
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coding sequences (ACCT2075-ACCT2181 and ABRE8363-ABRE8469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cachexia, cancer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NOVX polypeptides and nucleic acids useful for diagnosing, preventing or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   treating NoVx-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Alsobrook JP, Anderson DW, Boldog FL, Burgess CE, Catterton E, Edinger SR, Ellerman K, Gerlach VL, Gorman L, Guo X, Ji W, Kekuda R, Leach MD, Li L, Miller CE, Patturajan M, Rieger DK, Rothenberg ME, Shimkets RA, Smithson G, Spytek KA, Taupier RJ; Vernet CAM, Voss EZ, Zerhusen BD, Zhong M;
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100.0%; Pred. No. 6e+02;
Live 0; Mismatches 0; Indels
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100.0%; Pre-
2001US-0327342P.
2001US-0328017P.
2001US-0328029P.
2001US-0328056P.
2001US-0328843P.
2001US-0329414P.
2001US-0339142P.
2001US-0339142P.
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2001US-0349575P.
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2002US-0373805P.
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Rothenberg ME, Shimke
Tom. Voss EZ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (CURA-) CURAGEN CORP.
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29-OCT-2001;
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16-MAY-2002;
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24-OCT-2001;
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19-APR-2002;
                                                                                                                                             15-OCT-2001;
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ABR58459 standard; protein; 1588 AA.

27 RESULT 27 ABR58459 ABR58459;

1393 OMLETK 1398

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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABR58363-ABR58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, canceri, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoletic disorders and various dyslipidaemias
 neuroprotective; dyslipidaemia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NOVX polypeptides and nucleic acids useful for diagnosing, preventing treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or
            antiparkinsonian; antilipaemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          UP, Anderson DW, Boldog FL, Burgess CE, Catterton B; R. Ellerman K, Gerlach VL, Gorman L, Guo X, Ji W; Leach MD, Li L, Miller CE, Patturajan M, Rieger DK; M. Shimkets RA, Smithson G, Spytek RA, Taupier RJ; M, Voss EZ, Zerhusen BD, Zhong M;
immunomodulator; cytostatic; nootropic;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Claim 1; Page 262; 487pp; English.
                                                                                                                                                                                                      2001US-0326483P.
2001US-0327342P.
2001US-0328029P.
2001US-0328044P.
2001US-0328044P.
2001US-0328044P.
2001US-0328044P.
2001US-0328044P.
2001US-0330142P.
2001US-0330142P.
2001US-0330142P.
2001US-0330162P.
2001US-0343652P.
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2002US-0371980P.
2002US-0373261P.
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2002US-0381635P.
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                                                          haematopoietic disorder
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Rothenberg ME, Shimke
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Edinger SR, Eller
Programme, Teach MD,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         pharmacogenomics
                                                                                                                  WO2003029423-A2.
                                                                                                                                                                                                                                                09-OCT-2001; 2
09-OCT-2001; 2
12-OCT-2001; 2
15-OCT-2001; 2
17-OCT-2001; 2
22-OCT-2001; 2
24-OCT-2001; 2
24-OCT-2001; 2
29-OCT-2001; 2
29-OCT-2001; 2
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12-APR-2002;
17-APR-2002;
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                                                                                      Homo sapiens
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NOVX polypeptides and nucleic acids useful for diagnosing, preventing or treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or pharmacogenomics.
                                                                            Human; NOV; antidiabetic; anorectic; antibacterial; virucide; immunomodulator; cytostatic; nootropic; neuroprotective; dyslipidaemia; antiparkinsonian; antilipaemic; gene therapy; metabolic disorder; diabetes; obesity; infection; cachexia; cancer; Parkinson's disease; neurodegenerative disorder; Alzheimer's disease; immune disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Alsobrook JP, Anderson DW, Boldog FL, Burgess CE, Catterton E, Edinger SR, Ellerman K, Gerlach VL, Gorman L, Guo X, Ji W, Kekuda R, Leach MD, Li L, Miller CE, Patturajan M, Rieger DK; Rothenberg ME, Shimkers RA, Smithson G, Spytek KA, Taupier RJ; Vernet CAM, Voss EZ, Zerhusen BD, Zhong M;
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                                                                                                                                                                                                                                                                                                                                            09-0CT-2001; 2001US-0328056P.
12-0CT-2001; 2001US-032849F.
17-0CT-2001; 2001US-0339414P.
22-0CT-2001; 2001US-0330142P.
24-0CT-2001; 2001US-0349266P.
24-0CT-2001; 2001US-0349569P.
29-0CT-2001; 2001US-0349569P.
29-0CT-2001; 2001US-0349575P.
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2001US-0327342P.
2001US-0327917P.
2001US-0328029P.
2001US-0328044P.
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2002US-0381101P.
2002US-0381635P.
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2002US-0373805P.
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2002US-00262839.
                           (first entry)
                                                                                                                                                haematopoietic disorder.
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09-OCT-2001; 2
09-OCT-2001; 2
                                                                                                                                                                            Homo sapiens.
                           07-JUL-2003
                                                    Human NOV475
                                                                                                                                                                                                                                                                                 02-OCT-2001;
05-OCT-2001;
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12-APR-2002;
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19-APR-2002;
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17-MAY-2002;
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or

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Gaps

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30.0%; Score 6; DB 6; Length 1588; 100.0%; Pred. No. 6e+02; ive 0; Mismatches 0; Indels

Conservative

Local Similarity

Query Match Best Loc Matches

; 9

13 QMLETK 18

or

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The present invention relates to novel human NOV proteins and their coding sequences (ACC72075-ACC72181 and ABRS8363-ABR58469). The NOV proteins are useful in manufacturing a medicament for treating a syndrome associated with a human disease. The NOV proteins and coding sequences may be used to diagnose, treat or prevent metabolic disorders such as diabetes or obesity, infections, cachexia, cancer, neurodegenerative disorders such as Alzheimer's diseasec or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SECP, SECP-associated disorder; cancer; wound; AIDS; hepatitis; attained atteriocalerosis; psoriabis; autoimmune disease, crohn's disease; inflammatory disorder; anaemia; allergy; asthma; Grave's disease; multiple sclerosis; scleroderma; infection; diabetes; metabolic disorder; Addison's disease; cystic fibrosis; glycogen storage disease; Alzheimer's disease; parkinson's disease; addiction; cardiomyopathy; obesity; tissue typing; vaccine; human.
                                                      NOVX polypeptides and nucleic acids useful for diagnosing, preventing treating NOVX-associated disorders, e.g. diabetes, obesity, cancer or dyslipidemia, and in chromosome mapping, tissue typing or pharmacogenomics.
                                                                                                                                                                                                                                                                                                                                    Length 1588;
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100.0%; Pred. No. 6e+02;
iive 0; Mismatches 0
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                                                                                                                                     Claim 1; Page 267; 487pp; English.
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29-NOV-1999; 99US-0167785P.
19-JUL-2000; 2000US-0276994P.
02-ARR-2001; 2001US-0280898P.
02-MAY-2001; 2001US-028062P.
17-MAY-2001; 2001US-028066P.
17-MAY-2001; 2001US-0314007P.
14-NOV-2001; 2001US-0312241P.
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                                                                                                                                                                                                                                                                                                                                                Local Similarity 100.
Les 6; Conservative
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GUSEV V Y.
PADIGARU M.
               2003-381625/36.
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                                                                                                                                                                                                                                                                                                     Sequence 1588 AA;
                            N-PSDB; ACC72174
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associated with a human disease. The NOV proteins and coding sequences
              may be used to diagnose, treat or prevent metabolic disorders such as diabeters or obesity, infections, cachesta, carneer, neurodegenerative disorders such as Alzheimer's disease or Parkinson's disease, immune disorders, haematopoietic disorders and various dyslipidaemias
                                                                                                                                                     Gaps
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                                                                                                                     Length 1588;
                                                                                                                                                     0; Indels
                                                                                                                       30.0%; Score 6; DB 6; I
100.0%; Pred. No. 6e+02;
iive 0; Mismatches 0
                                                                                                                                                                                                                                                                                          ABR58462 standard; protein; 1588 AA
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24-OCT-2001; 2001US-0343629P.
29-OCT-2001; 2001US-0349575P.
01-NOV-2001; 2001US-0346357P.
12-APR-2002; 2002US-0371972P.
17-APR-2002; 2002US-0371960P.
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23-APR-2002; 2002US-0374738P.
16-MAX-2002; 2002US-0381101P.
17-MAX-2002; 2002US-0381635P.
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2001US-0327917P.
2001US-0328029P.
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2001US-0328056P.
2001US-0328849P.
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2001US-0330142P.
2001US-0341058P.
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                                                                                                                                                      6; Conservative
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                                                                                                                                     Best Local Similarity
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                                                                                          Sequence 1588 AA;
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09-0CT-2001; 2
15-0CT-2001; 2
17-0CT-2001; 2
22-0CT-2001; 2
24-0CT-2001; 2
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09-OCT-2001;
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ABR58462
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Gaps ;

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(LILL/)
(GORM/)
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    BRANK 
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                                                                                                                                                                                                               New SECP polypeptides and nucleic acids, useful for preventing or treating SECP-associated disorders, e.g. cancer, diabetes, asthma, AIDS or autoimmune diseases, and in chromosome mapping, tissue typing or pharmacogenomics.
                                                                                       Gorman L, Gusev VY, Padigaru M;
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                                                                                                                                                                                                                                                                                                                           Claim 1; SEQ ID NO 41; 278pp; English.
                                                                                     Fernandes ER, Li L, G
Shenoy SG, Spytek KA;
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19-JUL-2000; 2000US-00619252.
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  PATTURAJAN M.
                                                                                                                                                  WPI; 2003-901057/82.
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                      SHENOY S G.
SPYTEK K A.
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                                                                                                                                                                      N-PSDB; ADG38870
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                                                                                                       Patturajan M,
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                                                                                     Shimkets RA,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADG38832;
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(PATT/)
                  (SHEN/)
                                          (/LXAS
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Matches
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The invention relates to a new isolated SECP polypeptide. The SECP polypeptide, nucleic acid molecule or antibody is useful in the manufacture of a medicament for treating a syndrome associated with a continuous of a medicament for treating a syndrome associated with a change are used in diagnosing, treating or preventing the SECP-associated disorders. These are used in diagnosing, treating or preventing the SECP-associated disorders such as cancer, wounds, AIDS, hepatitis, arteriosclerosis, psoriasis, autoimmune diseases, Croha's disease, inflammatory disorder, anaemia, allergy, asthma, Grave's disease, intliple sclerosis, coleroderma, infection, diabetes, metabolic disorder, Addison's disease, cystic fibrosis, glycogen storage disease, Albeimer's disease, acids are further used as hybridisation probes, in chromosome mapping, tissue typing, preventive medicine, and pharmacogenomics. The polypeptides are also useful as vaccines. The present sequence is used in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gusev VY, Padigaru M;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    treating SECP-associated disorders, e.g. cancer, diabetes, asthma, or autoimmune diseases, and in chromosome mapping, tissue typing o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     polypeptides and nucleic acids, useful for preventing or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ·
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gorman L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ER, Li L, Go
3, Spytek KA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 1; SEQ ID NO 2; 278pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAE23979 standard; protein; 1624 AA.
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100.0%; Pre
02-APR-2001; 2001US-0280898P.
02-MAY-2001; 2001US-028062P.
17-MAY-2001; 2001US-029166P.
21-AUG-2001; 2001US-0314007P.
14-NOV-2001; 2001US-0332241P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human LP217 secreted protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     23-SEP-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Shenoy SG,
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Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Fernandes
                                                                                                                                                                                                 A. ..
                                                                                                                                                                                                                                                                                                    GORMAN L.
GUSEV V Y.
PADIGARU M.
PATTURAJAN M.
SHENOY S G.
SPYTEK K A.
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N-PSDB; ADG38831.
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us-10-066-965a-4.oligo.rag

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WPI; 1996-150728/15.
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Matches 5; Conser
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                                                                                                                                                                                                                                                                                                                                                Sequence 9 AA;
          WO9310154-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 05-NOV-1992;
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12-NOV-1991;
                                                     04-NOV-1992;
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24-FEB-1996
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                               27-MAY-1993.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Synthetic.
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                                                                                                                                                                                                                                                                                                                                  The invention relates to human secreted polypeptides designated LP095, LP191, LP227, LP220, LP229, LP239 and mucleic acid molecules encoding such polypeptides. Novel secreted proteins of the invention are used for treating diseases such as atherosclerosis, Alzheimer's disease, diabetic retinopathy, psoriasis, pancreatitis, arteriosclerosis, rheumatoid arthritis, colorectal adenomas, severe combined immunodeficiency, isochemia, carcinomas, haemolytic anaemia, reperfusion injury, neoplasms and cancer especially liver cancer. They are also used for wound healing. Polymucleotides of the invention can be used to generate transgenic animals or knock out animals, which in turn, are useful in the development and screening of therapeutically useful reagents for use in the treatment of diseases associated with Lb polypeptide associated activity. They are also used in gene therapy. The present sequence is human LP217 secreted protein. LP217 gene is located
                                                                                                                                                                                                                                                                  Novel proteins and polynucleotides of secreted proteins useful for treating various diseases e.g. rheumatoid arthritis, cancer, psoriasis, diabetic retinopathy, arteriosclerosis, ischemia or reperfusion injury.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Recombinant; collagen-like polymer; CLP; tripeptide; helix; membrane; fibre; film; coating; triad sequence; collagen; mammalian; moulding; hydrogel; interchain linkage; colloid suspension.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ·,
                                                                          /note≈ "Mature human LP217 secreted protein"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       30.0%; Score 6; DB 5; Length 1624; 100.0%; Pred. No. 6.18+02; ive 0; Mismatches 0; Indels
                                            1. .15
/label= Signal_peptide
                                                                                                                                                                                                                                                                                                              Claim 8; Page 117-123; 145pp; English
                               Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAR37732 standard; peptide; 9 AA
                                                                                                                                                                  28-SEP-2000; 2000US-0236088P.
                                                                                                                                             14-SEP-2001; 2001WO-US026026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Collagen-like polymer #15.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6; Conservative
                                                                                                                                                                                       (ELIL ) LILLY & CO ELI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (revised)
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1624 AA;
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                                                                                                                                                                                                              Wang H;
                                                                                                  WO200226801-A2.
           Homo sapiens
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                                           Peptide
                                                                 Protein
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                                                                                                                                                                                                                                                                                                                                             High mol. wt. collagen-like protein polymers – capable of being produced
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      collagen; repetitive triad motif; recombinant production; photographic; medical; structural; fibre.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25.0%; Score 5; DB 2; Length 9; 100.0%; Pred. No. 1.7e+06; iive 0; Mismatches 0; Indel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (PROT-) PROTEIN POLYMER TECHNOLOGIES INC.
                                                                                                                                      (PROT-) PROTEIN POLYMER TECHNOLOGIES INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                               Disclosure; Page 12; 82pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Collagen-like GUB sequence motif 5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAR93239 standard; peptide; 9 AA.
                                                                                                                                                                                                                                                                                                                                                                              in unicellular microorganisms.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 92US-00972032.
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92WO-US009485
                                                                 91US-00791960
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                                                                                                                                                                                                   Cappello J, Ferrari FA;
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Gaps
Collagen-like polymers comprising repetitive triads - produced in unicellular organisms with improved characteristics, useful in, e.g. photographic and medical fibres.
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                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                            Collagen-like polymer; synthetic polymer; fibre coating; prosthetic device; catalytic substance.
                                                                                                                                                                                                                               25.0%; Score 5; DB 2; Length 9; 100.0%; Pred. No. 1.7e+06; ive 0; Mismatches 0; Indel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (PROT-) PROTEIN POLYMER TECHNOLOGIES INC.
                                                                                                                                                                                                                                                                                                        AAW57686 standard; peptide; 9 AA.
                           Disclosure, Col 6; 43pp; English
                                                                                                                                                                                                                                                                                                                                               Collagen-like polymer fragment.
                                                                                                                                                                                                                                                                                                                                                                                                                                     86US-00927258.
87US-00114618.
88US-00269429.
90US-00509716.
91US-00791050.
92US-00972032.
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                                                                                                                                                                                                                                                                                                                                   (first entry)
                                                                                                                                                                                                                                              5; Conservative
                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                       PRGAP 9
                                                                                                                                                                                                                                                          1 PRGAP 5
                                                                                                                                                                                                                   Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                   27-AUG-1998
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                                                                                                                                                                                                                                                                                                                                                                                Synthetic.
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                                                                                                                                                                                                                                                                                           RESULT 34
AAW57686
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                                                                                                                                                                        This sequence represents a fragment of a unnatural collagen-like polymer of the invention. The products may be used as films, fibres, moulded objects and admixed with other natural or synthetic polymers or coatings on fibres, films, labware or other surfaces, e.g. prosthetic devices. The polymers may be used for binding a wide variety of specific binding materials, as catalytic substances (where the amino acid sequence may specifically chelate a wide variety of elements), as purification media, composites, laminates or adhesives. They may also be combined with inorganic or organic materials such as carbon fibres, nylon fibres, nitrocellulose, etc., as flask coatings or in synthetic matrices for the syrowth and study of cells, as affinity columns or as supports for biological materials. The polymers have collagen-like properties, but may be easily expressed in micro-organisms in high efficiency. The new
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              103P3E8; prostate; bladder; kidney; colon; lung; breast; rectum; stomach; tumour; cancer; cytostatic; gene therapy; antibody therapy; ribozyme; single chain monoclonal antibody; serum; blood; urine; tissue; human;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Monitoring 103P3E8 gene products in sample from patient (suspected of) having cancer, useful for diagnosing, managing or treating cancers, e.g. prostate cancer, comprises determining presence of aberrant 103P3E8 gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                    Recombinant collagen-like polymers - useful for making gels, films,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25.0%; Score 5; DB 2; Length 9; 100.0%; Pred. No. 1.7e+06; rative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human MHC molecule HLA-B35 binding 103P3E8 peptide #20.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAU71713 standard; peptide; 9 AA.
                                                                                                                                      Disclosure; Col 6; 93pp; English
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Best Local Similarity 100.
Matches 5; Conservative
              Ferrari FA, Cappello J;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (UROG-) UROGENESYS INC.
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                                                  WPI; 1998-387004/33.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25-OCT-2001.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAU71713;
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protein and peptide fragments and specific PCR primers are therefore
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                               Sequences AAU71093-AAU71796 represent the 103P3E8-related protein and peptide fragments of the protein. 103P3E8 exhibits tissue specific expression in normal adult tissue, but it is also aberrantly expressed in many cancers including tumnours of the prostate, bladder, kidney, colon, lung, breast, rectum and stomach. The 103P3E8 polymucleotide, its related protein and peptide fragments and specific PCR primers are therefore useful for diagnosing and treating cancer. A vector comprising a polymucleotide which encodes a single chain monoclonal antibody, that immunospecifically binds to an 103P3E8-related protein, and a ribozyme capable of cleaving a polymucleotide having the 103P3E8 coding sequence, are both useful in the preparation of a composition for treating a pattient with a cancer that expresses 103P3EB. The sequences can be used in diagnostic methods to monitor the level of 103P3E8 gene products in serum, blood, urine and tissue and to thereby detect the presence of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1039388; prostate; bladder; kidney; colon; lung; breast; rectum; stomach; tumour; cancer; cytostatic; gene therapy; antibody therapy; ribozyme; single chain monoclonal antibody; serum; blood; urine; tissue; human;
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                                                                                                                                                                                                                                                                                                                                                     Length 9;
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                                                                                                                                                                                                                                                                                                                                                     DB 5; Len
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100.0%; Pred. No. 1.7
cive 0; Mismatches
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     Disclosure; Page 98; 128pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAU71607 standard; peptide; 9 AA
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                    Sequence 9 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      103P3E8; prostate; bladder; kidney; colon; lung; breast; rectum; stomach; tumour; cancer; cytostatic; gene therapy; antibody therapy; ribozyme; single chain monoclonal antibody; serum; blood; urine; tissue; human; chromosome 9q13-q21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Monitoring 103P3E8 gene products in sample from patient (suspected of) having cancer, useful for diagnosing, managing or treating cancers, e.g. prostate cancer, comprises determining presence of aberrant 103P3E8 gene
useful for diagnosing and treating cancer. A vector comprising a polynucleotide which encodes a single chain monoclonal antibody, that immunospecifically binds to an 103PBE8-related protein, and a ribozyme capable of cleaving a polynucleotide having the 103PBE8 coding sequence, are both useful in the preparation of a composition for treating a patient with a cancer that expresses 103PBE8. The sequences can be used in diagnostic methods to monitor the level of 103PBE8 gene products in serum, blood, urine and tissue and to thereby detect the presence of cancerous cells
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                                                                                                                                                                                                                                                                                     Length 9;
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100.0%; Pred. No. 1.7e+06;
iive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAU71662 standard; peptide; 10 AA.
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Best Local Similarity
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                                                                                                                                                                                                                                          Sequence 9 AA;
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14 MLETK 18
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                                                                                                                                                                                                                                                                                                                                               22-AUG-1994;
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                                                                                                                                            04-OCT-1996
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                                                                                                                                                                                                                                                                                             29-FEB-1996.
                                                                                                                                                                                                                                              Synthetic.
                                                                                                                    AAR93209;
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                                                                                                                                                                                                                                                                                                                 Human; cytokeratin 8; cancer; antigen; immunotherapy; therapy; diagnosis.
in diagnostic methods to monitor the level of 103P338 gene products in serum, blood, urine and tissue and to thereby detect the presence of
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                                                                                                                                                                                                                                                                                         Human cancer antigen cytokeratin 8 peptide fragment.
                                                                         25.0%; Score 5; DB 5; Let 100.0%; Pred. No. 1.6e+02; ive 0; Mismatches 0;
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100.0%; Pred. No. 1.8
:ive 0; Mismatches
                                                                                                                                                                                                                ABP72812 standard; peptide; 12 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                             21-SEP-2001; 2001US-0323844P.
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                                                                                                                                                                                                                                                                (first entry)
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Matches 5; Conserv
                                                                                       Best Local Similarity
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                                                    Sequence 10 AA;
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ABP72812
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Peptides AAR93205-9 are examples of peptides derived from the sequence of the Zona Pellucida protein ZP3 which contain the amino acid sequences AAR93210 or AAR93214-5. The peptides are esp. based on amino acids 23-30 of the ZP3 protein. The novel peptides can be used in vaccines to induce a humoral response against the ZP3 protein e.g. for contraception, esp. contain T cell epitopes. The novel peptides thus avoid potential ovarian damage caused by some peptides used as vaccines. The peptides used as vaccines. The peptides are also useful in assays for detecting autoimmune antibodies or for generating antibodies for passive immunisation
                                                                                                                                                                                                                                                                Zona pellucida; ZP3; vaccine; humoral response; contraception; epitope; pathogenic T cell response; ovary; assay; autoimmune; antibody; passive immunisation.
                                                                                                                                                                                                           New contraceptive peptide #5 derived from Zona Pellucida ZP3 protein.
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. 2.1e+02;
ches 0; Indels
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100.0%; Pred. No. 2.1
tive 0; Mismatches
AAR93209 standard; peptide; 15 AA.
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The present sequence represents a peptide derived from epithelial
neutrophil activating protein-78 (ERA-78). The present peptide stimulates
comparingenesis. The specification describes methods for inhibiting
angiogenesis or for inducing angiostasis, using chemokines (with a
conserved Cys Xaa Cys (CXC) sequence at the N-terminal) other than
comparing the factor of the not contain the amino acid sequence EIR.
The methods are useful for inhibiting tumour growth and metastasis and
for treating diseases such as haemangiomas, rheumatoid arthritis,
compared to the containt of the containt the same of the containt of the c
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                 angiogenesis inhibitor, angiostasis inducer; tumour growth inhibition; haemangiomas; rheumatoid arthritis; atherosclerosis; meningioma; idopathic pulmonary fibrosis; benign prostatic hypertrophy; psoriasis; vascular restenosis; arteriovenous malformation; neovascular glaucoma; angiofibroma; haemophilic joint; hypertrophic scar; Osler-Weber syndrome; psognic granuloma retrolental fibroplasia; scleroderma; trachoma;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Use of chemokines with a conserved Cys Xaa Cys (CXC) sequence - which do not contain amino acid sequence BLR, for inhibiting angiogenesis in tumours, rheumatoid arthritis, restenosis or glaucoma.
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                                                                                                                                                                                          vascular adhesion, synovitis, dermatītis, endometriosis, pterygium, diabetic retinopathy, neovascularisation, chronic bronchitis, adult respiratory distress syndrome, ARDS, pseudogout, metastasis;
protein-78; ENA-78; CXC chemokine;
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  Epithelial neutrophil activating
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Strieter RM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (UNMI ) UNIV MICHIGAN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 1999-166569/14.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11 LRCVC 15
                                                                                                                                                                                                                                                                                    cystic fibrosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 15 AA;
                                                                                                                                                                                                                                                                                                                                            Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            06-JUN-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                06-JUN-1995;
                                                                                                                                                                                                                                                                                                                                                                                             US5871723-A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       16-FEB-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABU67730;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Kunkel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABU67730
  Dp
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that comprises to an angiogenesis inhibited by administering to a human having a tumour, a composition comprising a recombinant adenovirus that comprises and expresses a nucleic acid segment that encodes a non-carried comprises and expresses a nucleic acid segment that encodes a non-carried comprises and expresses a nucleic acid segment that encodes a non-carried comprises and expresses a nucleic acid segment that encodes a non-carried comprises. Comprises the ELR sequence has been replaced with TVR or DLO. The method is for inhibiting angiogenesis. It is also useful for treating benign tumours, haemangiomas, rheumatoid arthritis, with TVR or DLO. The method is for inhibiting angiogenesis. It is also useful for treating benign tumours, haemangiomas, rheumatoid arthritis, comprehensions, meningioma, neovascular restenosis, arteriovenous malformations, meningioma, neovascular restenosis, arteriovenous comprehensis, idiopathic gullmonary fibrosis, BPH, (benign prostatic haemophilic joints, hypertrophic scars, oslerweber syndrome, pyogenic granuloma retrolental fibrophasia, solerweber syndrome, pyogenic granuloma retrolental fibrophasia, scleroderma, trachoma, vascular adhesions, synovitis, dermatitis, or endometriosis. It is also useful in companies the all properse of trial and error compleximentation and avoiding the expense of trial and error companies experimentation and avoiding the expense of trial and error companies. It inhibits or reduces angiogenesis in the animal or in a companient of the manner or angiogenesis stimulatory peptide derived from a CXC chamokina.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Inhibition of angiogenesis in human having tumor, by administering to human, composition comprising recombinant adenovirus having nucleic acid
                     BPH; angiofibroma;
  CXC chemokine; angiogenesis; tumour; platelet factor 4 (PF4); ELR CXC chemokine; 1P-10; benign tumour; haemangioma; BPH; angiofibron rheumatoid arthritis; atherosclerosis; idiopathic pulmonary fibrosis; benign prostatic hyperplasia; vascular restenosis; meningioma;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                        arteriovenous malformation, neovascular glaucoma, psoriaisis, haemophilic joint, hypertrophic scar; celerweber syndrome, pyogenic granuloma retrolental fibroplasia; scleroderma; trachoma; vascular adhesion, synovitis; dermatitis; endometriosis; wound healir sore healing; vascular graft; transplant; skin ulcer; gastric ulcer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .;
0
chemokine; angiogenesis; tumour; platelet factor 4 (PF4);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      segment that encodes chemokine other than platelet factor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25.0%; Score 5; DB 6; Length 15; 100.0%; Pred. No. 2.1e+02; rive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kunkel SL;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Disclosure; Col 16; 148pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AB007364 standard; peptide; 15 AA.
                                                                                                                                                                                                                                                                                                                                                                                               98US-00213383.
                                                                                                                                                                                                                                                                                                                                                                                                                                            95US-00468819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ΡJ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Polverini
                                                                                                                                                                                                              duodenal ulcer; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (UNMI ) UNIV MICHIGAN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2003-327304/31.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           8 LRCVC 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 15 AA;
                                                                                                                                                                                                                                                           Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                            09-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                            06-JUN-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Strieter RM,
                                                                                                                                                                                                                                                                                                      US6491906-B1
                                                                                                                                                                                                                                                                                                                                                    10-DEC-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              chemokine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AB007364;
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Gaps

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Indels

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(UNMI ) UNIV MICHIGAN
                                                                                 WPI; 2003-466212/44.
                                                      US2003031645-A1
                                                                                                                                                  Sequence 15 AA;
                                             antiallergic
                                                                    09-DEC-1998;
                                                                                                                                              anglogenesis
14-AUG-2003
                                                                  06-JUN-1995;
                                                                             Strieter RM,
                                                          13-FEB-2003
                                                                                                                                            healing.
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infection; arthritis; leukaemia; solid tumour; profective agent; immune system; chemotherapy; radiation therapy; interleukin-8; IL-8; rapid; extensive; tissue distribution; ENA-78.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            chemokine; peptide analogue; agonist activity; treatment;
                      Pred. No. 2.1e+02;
; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Alpha chemokine ENA-78 peptide analogue 11.
                                                                                                                                                                                                                                                                                          AAR91628 standard; peptide; 16 AA.
°0,
100.001; ±14.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            95WO-US012099.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              94US-00311307.
94US-00311380.
                                                                                                                                                                                                                                                                                                                                                                                               30-OCT-1996 (first entry)
                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (UYNE-) UNIV NEBRASKA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 1996-188211/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                      Best Local Similarity
                                                                                                 8 LRCVC 12
                                                                                                                                                       11 LRCVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               8 LRCVC 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 16 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            22-SEP-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WO9609062-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           23-SEP-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       23-SEP-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   distribution
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Talmadge JE;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    28-MAR-1996.
                                                  ر
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Synthetic.
                                                                                                                                                                                                                                                                                                                                               AAR91628;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Alpha
                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                     RESULT 43
                                                                                                                                                                                                                                                                    AAR91628
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 method comprises administering to an animal, preferably human, a biological amount of a pharmaceutical CXC (Cys.Xaa.Cys) chemokine composition that comprises chemokines other than platelet factor 4 (Ft4), e.g. interleukin 8 (ILP), gamma interferon-inducible protein-10 (IP-10), GROGamma, monokine induced by gamma interferon (MIG), epithelial neutrophil activating protein-78 (ERNA-78), granulocyte chemotactic protein (GRP) such as connective tissue activating protein-11 (ITP).

III), beta-thromboglobulin (betaTG) and neutrophil activating peptide-2 (GRP-2), and the NH2-terminal truncated forms of platelet basic protein (BPP) such as connective tissue activating protein-III (CTAP-1II), beta-thromboglobulin (betaTG) and neutrophil activating peptide-2 (MAP-2). The method is useful for inhibiting angiogenesis in humans, and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            inducing angiostasis; stimulating angiogenesis; wound healing; vulnerary; antiulcer; vasotropic; antirheumatic; antiarthritic; antiatherosclerotic; ophthalmological; antipsoriatic; dermatological; antiinflammatory;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 is useful for treating tumours and even sarcomas of the lung, ovary, pancreas, stomach, and prostate. The method is also useful for treating haemangiomas, rheumatoid arthritis, atherosclerosis, idiopathic pulmonary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The present invention relates to a method of inhibiting angiogenesis. The
                                                                                                                     Human; inhibiting angiogenesis; Cys-Xaa-Cys chemokine; CXC chemokine; platelet factor 4; PR4; interleukin-8; IL-8; IP-10; GROalpha; gamma interfacton-inducible protein-10; growth related oncogene; GRobeta; GROgamma; monokine induced by gamma interferon; MIG; epithelial neutrophil activating protein-78; EMA-78; GCP-2; granulocyte chemotactic protein-73; platelet basic protein; PBB; connective tissue activating protein-III; CTRP-III; betaTG; beta-thromboglobulin; neutrophil activating peptide-2; NAP-2; tumour;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               fibrosis (IPF), vascular restenosis, arteriovenous malformations (AVM), meningiona, neovascular glaucoma, psoriasis, angiofibroma, baemophilic joints, hypertrophic scars, osler-weber syndrome, pyogenic granuloma retrolental fibroplasia, scleroderma, trachoma, vascular adhesions, synovitis, dermatitis and endometriosis. Also disclosed are methods for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Inhibiting angiogenesis, by administering a pharmaceutical chemokine composition that comprises a chemokine other than platelet factor 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           inducing angiostasis, stimulating angiogenesis, and promoting wound lealing. The present sequence represents a peptide for stimulating
                                                                                                                                                                                                                                                                                                                                       sarcoma; lung; ovary; pancreas; stomach; prostate; haemangioma;
heumatoid arthritis; atherosolerosous; IPF, AVM;
idiopathic pulmonary fibrosis; vascular restenosis; meningioma;
arteriovenous malformation; neovascular glaucoma; psoriasis;
angjofibroma; heemophilic joint; hypertrophic scar; scleroderma;
osler-weber syndrome; pyogenic granuloma retrolental fibroplasia;
trachoma; vascular adhesion; synovitis; dermatitis; endometriosis;
                                                                        Angiogenesis stimulating peptide #5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Disclosure; Page 9; 156pp; English
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                   (first entry)
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                                                                                                                                                                                                           alpha chemokine agonist activity. It can be used for the treatment of, e.g. viral, bacterial, fungal, yeast or parasitic infections, arthritis, leukaemia or solid tumours including primary and metastatic disease. The peptide can also be used as a protective agent for the immune system during chemotherapy and radiation-therapy. In contrast to the claimed invention in W09311159, which describes a 77 residue amino acid interleukin-8 antagonist, the present peptide is more efficiently prepd. (solid phase synthesis) and has a more rapid and extensive tissue
                                                                                                                                                                                     The present peptide is an alpha chemokine derived peptide analogue, with
New human interleukin-8 peptide analogues - useful as agonists or antagonists for alpha chemokines for treating e.g. neoplasms, infection and auto-immune disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 5; DB 2; Lengtn 10, Pred. No. 2.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25.0%; Scor.
100.0%; Pred. No. ...
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADK01531 standard; peptide; 20 AA.
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DB 7; Length 15;

25.0%; Score 5;

Query Match

Shen AJ;

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New antimicrobial peptide composition for the prevention and treatment of infections caused by organisms, such as bacteria and fungi, exhibiting
                                                             (HARB-) HARBOR-UCLA RES & EDUCATION INST.
                                                                                                                                                                                         Example; Page 66; 221pp; English
                                                                                                                                                  infections caused by organisms, multiple antibiotic resistance.
         24-AUG-2001; 2001WO-US041877.
                                    25-AUG-2000; 2000US-00648816
                                                                                                              WPI; 2002-590659/63.
                                                                                      Yeaman MR,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABG69985
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0
                                                                                                                                                                                                                                                                                                                                                                                             This invention relates to a novel polypeptide encoded by an alternative reading frame of a pathogenic virus, where the polypeptide starts with a methionine amino acid residue, which comprises an antigenic determinant and more than 7 amino acid residues. The invention may be useful for the production of compounds with a virucide activity or the development of a vaccine. The polypeptide or its fragments may be useful as a therapeutic agent. It is also useful for the manufacture of a medicament for treating or preventing an infection with the pathogenic virus. The present sequence is that of a hepatitis C virus peptide of the invention.
                                                                                                                                                                                                                                                                                                                    New polypeptide encoded by an alternative reading frame of a pathogenic virus comprising an antigenic determinant, useful for treating or preventing an infection with the pathogenic virus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Antimicrobial, platelet microbiocidal protein, PMP-1, PMP-2, bacterial infection, fungal infection; fungicide; disinfectant, preservative, foods, cosmetic, multiple antibiotic resistance, rabbit,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                             pathogenic virus; alternative reading frame; antigenic determinant; virucide; vaccine; therapeutic agent; infection.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             .,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Rabbit platelet microbicidal protein, PMP-2, based peptide #98.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ore 5; DB 8; Length 20;
red. No. 2.7e+02;
Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Match 25.0%; Score 5; I
Local Similarity 100.0%; Pred. No.
les 5; Conservative 0; Mismatch
                                                                                                                                                                                                                                                                                                                                                                      Claim 7; SEQ ID NO 183; 220pp; English.
                                     Hepatitis C virus 1b peptide SeqID183.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ą.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABG69986 standard; peptide; 22
                                                                                                                                                                                                                                                                    Habel
                                                                                                                                                                            24-JUL-2003; 2003WO-EP008112.
                                                                                                                                                                                                     24-JUL-2002; 2002AT-00001124.
11-JUL-2003; 2003EP-00450171.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (first entry)
            (first entry)
                                                                                                                                                                                                                                                                    Mattner F, Schmidt W,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Oryctolagus cuniculus.
                                                                                                                                                                                                                                            (INTE-) INTERCELL AG.
                                                                                                                                                                                                                                                                                             WPI; 2004-169243/16.
                                                                                                  Hepatitis C virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRGAP 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRGAP 5
                                                                                                                          WO2004011650-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 20 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       mutant; mutein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WO200255554-A2
          06-MAY-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             21-OCT-2002
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                                                                                                                                                     05-FEB-2004
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABG69986;
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Matches
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The invention relates to an antimicrobial peptide composition for use against organisms such as bacteria and fungi comprising a peptide of 5-150 amino acid core sequence (derived from 150 amino acid sorts and PMP-2, platelet microbiolal protein), and retromers.

PMP-1 and PMP-2, platelet microbiolal protein), and retromers.

Crominations, extensions, combinations, fusions and their derivatives. The truncations extensions are fully described in the specification. Also included are (1) an antimicrobial peptide composition for direct activity or for potentiating antimicrobial peptide of 13-74 containing an amino acid core sequence selected from truncations of the peptides described above, and retromers, extensions, combinations and fusions; and (2) artimicrobial peptides for potentiating antimicrobial adents, combinations and funginity of antimicrobial peptides are useful as individual antimicrobial agents to restoriate and fungi, agents in combination with other antimicrobial peptides are useful as individual antimicrobial agents that enhance, potentiate or restore efficacy of conventional antimicrobials, agents to improve efficiency of molecular conventions of leukocytes, as disinfectants or preservatives for use in foods and cosmetics and as agents to improve efficiency of molecular conventions of leukocytes, as disinfectants or preservatives for use in foods and cosmetics and as agents to improve efficiency of molecular considered to have undesirable toxicity, immunogenicity and short are based upon natural antimicrobial peptides of prior art have generally become problems of toxicity, immunogenicity, and short are based upon natural antimicrobial peptides contained antibicit lower inherent mammalian cell toxicits and as agents considered to brokers and inherent mammalian cell toxicity and and covercome problems of toxicity, immunogenicity, and shortnass of duration of effectiveness due to biodegradation, retaining activity in plasma and as gerum. The present sequence is a rabbit pwe based antimicrobial peptid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         25.0%; Score 5; DB 5; Length 22;
100.0%; Pred. No. 2.8e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ABG69985 standard; peptide; 22 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Oryctolagus cuniculus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8 LRCVC 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LRCVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 22 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       mutant; mutein.
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The invention relates to an antimicrobial peptide composition for use against organisms such as bacteria and fungi comprising a peptide of 5-
150 amino acids containing a 7-13 amino acid core sequence (derived from PMP-1 and PMP-2, platelet microbiocidal protein), and retromers,

truncations, extensions, combinations, funions and their derivatives. The possible structures are fully described in the specification. Also included are (1) an antimicrobial agents active against organisms such as bacteria and fungi comprising a peptide of 13-74 containing an amino acid core sequence selected from truncations of the peptides described above, and retromers, extensions, combinations of the peptides described above, antimicrobial peptides for potentiating antimicrobial activity of antimicrobial peptides are useful as individual activity of antimicrobial peptides are useful as individual antimicrobial agents that enhance the entimicrobial agents that enhance, potentiate or restore efficacy of conventional antimicrobials, agents that enhance the antimicrobial conventions of leukocytes, as disinfectants or preservatives for use in conventional antimicrobials, agents to improve efficiency of molecular conventions of leukocytes, as disinfectants or preservatives for use in biology techniques. Antimicrobial peptides of prior art have generally benchmarked to have undesirable toxicity, immunogenicity and short are based upon natural antimicrobial peptides that have persent invention are based upon natural antimicrobial peptides that have persent invention sepectrum activity against pathogens exhibiting multiple antibicic resistance. They exhibit lower inherent mammalian cell toxicity, immunogenicity, and shortness of duration of effectiveness due to biodegradation, retaining activity in plasma and covercome problems of toxicity, immunogenicity, and shortness of duration of serum. The present sequence is a rabbit pMP based antimicrobial peptides.
                                                                                                                                                                                                                                                                                                                                                                                           New antimicrobial peptide composition for the prevention and treatment of infections caused by organisms, such as bacteria and fungi, exhibiting
                                                                                                                                                                                                                                              (HARB-) HARBOR-UCLA RES & EDUCATION INST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Example; Page 65; 221pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                              multiple antibiotic resistance.
                                                                                                                                               24-AUG-2001; 2001WO-US041877.
                                                                                                                                                                                                  25-AUG-2000; 2000US-00648816
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 100.
Matches 5, Conservative
                                                                                                                                                                                                                                                                                                 Shen AJ;
                                                                                                                                                                                                                                                                                                                                               WPI; 2002-590659/63.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 22 AA;
                                                WO200255554-A2.
                                                                                                                                                                                                                                                                                              Yeaman MR,
                                                                                                   18-JUL-2002
     Synthetic.
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0; Indels DB 5; Length 22; 25.0%; Score 5; DB 5 100.0%; Pred. No. 2.8 :ive 0; Mismatches

11 LRCVC 15

ADM32132 standard; protein; 25 AA. (first entry) 17~JUN-2004 ADM32132; ADM32132 MX BX BX BX BX B

Human; beta-amyloid precursor protein; beta-APP; diagnosis; cancer; frameshift mutation; age-related disease; neurodegenerative disorder; Alzheimer; disease; Down's syndrome; myotonic dystrophy; neuronal; Huntington's disease; multiple sclerosis; alcoholic liver disease; disease; multiple sclerosis; alcoholic liver disease; diabetes mellitus type II; microtubule associated protein; Tau; Big Tau; ubiquitin B; apolipoprotein E; MAP2; neurofilament-L; neurofilament-E; presenilin I; presenilin II; cellular tumour antigen; glial fibrillary acidic protein; GRAP; p53; semaphorin III; HUPP-I; bcl-2; B-cell leukemia/lymphoma 2 proto-oncogene; HMGP-C; MSP-A; high mobility group protein-C; neuroendocrine specific protein A.

Human beta-amyloid precursor protein mutant fragment 55.

22-JUL-1999 (first entry)

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Gaps

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AAY20230 standard; protein; 26 AA.

AAY20230

EphB4 blocking peptide 6, seq id 7.

Cytostatic; gene therapy; Inhibititor; cancerous growth; cancer; breast;

Homo sapiens WO9845322-A2

Synthetic

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0;
                                                                                                                                                                                                                                                                                                                                                                                    The invention relates to a method of inhibiting cancerous growth of a cell, comprising contacting the cell with at least one antibody, or its antigan-binding portion, where the antibody or antigen-binding portion binds to an epitope located within residues 200-400 of EphB4, which consists of the sequence of 984 amino acids (S1) fully defined in the specification, or to an epitope located in a sequence at least 854 composition and methods are useful for treating or preventing cancer (e.g. breast or prostate cancer) or for identifying agents that inhibit cancer cancerous growth of a cell. The current sequence represents an EphB4 blocking peptide used in an example from the invention in EphB4 epitope
                                                                                                                                                                                                                                                                                           Inhibiting cancerous growth of a cell by contacting the cell with an antibody, or its antigen-binding portion, that binds to an epitope of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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prostate; ephrin type-B receptor 4 precursor; EphB4; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 8; Length 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3.1e+02;
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100.0%; Pred. No. 3.1
ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                         Example 6; SEQ ID NO 7; 73pp; English
                                                                                                                                                                                           (QUEE-) QUEEN ELIZABETH HOSPITAL
                                                                                                                                                            16-SEP-2002; 2002AU-00951409.
                                                                                                                             16-SEP-2003; 2003WO-AU001209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5; Conservative
                                                                                                                                                                                                                                                            WPI; 2004-270012/25.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                             EphB4 polypeptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRGAP 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 PRGAP 5
                                                            WO2004024773-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 25 AA;
                              Homo sapiens.
                                                                                                                                                                                                                             Stephenson S;
                                                                                            25-MAR-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               mapping.
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disease, Down's syndrome, myotonic dystrophy, Huntington's disease,

disease, Down's syndrome, myotonic dystrophy, Huntington's disease,

multiple sclerosis, alcoholic liver disease, diabetes mellitus type II

and many others listed) or susceptibility to these disorders. The method

at an early stage. It is based on the observation that disease may be

caused by mutations in RNA rather than DNA. The invention describes the

cused of neuronal system RNA molecules, specifically proteins including

beta-amyloid precursor protein (beta-APP), the microtubule associated

proteins Tau and Big Tau, ubiquitin B, apolipoprotein B, microtubule

associated protein 2 (MAP2), neurofilament-L, neurofilament-M,

created protein 2 (MAP2), neurofilament-L, neurofilament-C,

protein (GrAP), the cellular tumour antigen p53, B-cell leukemial/ymphoma

2 (bcl-2) proto-oncogene, semaphorin III, HUPF-1, high mobility group
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human secreted protein; cancer; tumour; neurodegenerative disorder; developmental abnormality; fetal deficiency; blood disorder; leukemia; immune system disease; autoimmune disease; hepatic disease; renal disease; lymphoma; inflammation; allergy; ischemic shock; hlateimer's, cognitive disorder; schizophrenia; prostate disease; obesity; osteoclast; osteoporosis; arthritis; malignancy; testes disease; lung disease; thymus disease; digestive disorder; endocrine disorder; infection; AlDS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       This invention describes a novel method for the diagnosis of a disease caused by, or associated with, an RNA molecule that has a frameshift mutation. The method is used to diagnose age-related diseases, especially cancer and a wide range of neurodegenerative disorders (e.g. Alzheimer's
                                                                                                                                                                                                                                                                                                                                corresponding protein mutations - used to diagnose cancer and neurological diseases, particularly Alzheimer's disease, and also for treatment and prevention with specific ribozymes or wild-type RNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             .
                                                                                                                                                                                                                                                                                                                   Diagnosing disease by detecting frameshift mutations in RNA or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 25.0%; Score 5; DB 2; Length 26; Best Local Similarity 100.0%; Pred. No. 3.2e+02; Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                   Burbach JPH
                                                                                                                             ROYAL NETHERLANDS ACAD ARTS & SCI.
UNIV ROTTERDAM ERASMUS.
RIJKSUNIV UTRECHT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAY19651 standard; protein; 28 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                   Disclosure; Fig 2; 258pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 369 from WO9922243.
                                                                                                                                                                                                                   Van Leeuwen FW, Grosveld FG,
                                                                                                97US-0043163P.
                                                        98WO-IB000705
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (first entry)
                                                                                                                                                                                                                                                             WPI; 1998-609901/51.
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                                                                                                                                                                                                                                                                                  N-PSDB; AAX75753
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 26 AA;
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                                                        02-APR-1998;
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                  15-0CT-1998
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                                                                                                                                        (ROYA-)
                                                                                                                                                                             (DXOI-)
                                                                                                                                                            (UYRO-)
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The specification describes human secreted proteins. The polynucleotides and their corresponding secreted polypeptides are useful for preventing, treating or amelicating medical conditions, e.g. by protein or gene amount of amelicating medical conditions can also be diagnosed by determining the amount of the polypeptides in a sample or by determining the presence of mutations in the polymerications can also be diagnosed by determining the presence of the polyucleotides, based on which tissues are described for each of expressed in, and include developing products for the diagnosis or treatment of cancer, tumours, neurodegenerative disorders, developmental abnormalities and fetal deficiencies, blood disorders, leukemias, diseases of the immune system, autoimmune diseases, hepatic and renal disease, lymphomas, inflammation, allergies, ischemic shock, Alzheimer's disorders involving osteoclasts such as seteoporosis, arthritis or
                                                                                                                                                                                                                                                                                                                                                                                                 sen CA, Ruben SM, Ni J', Wei Y, Soppet DR, Moore PA;
afleur DW, Olsen HS, Brewer LA, Shi Y, Ebner R, Young P;
Florence KA, Florence C, Duan DR, Janat F, Endress GA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              malignancies, diseases of testes, lung or thymus, digestive/endocrine disorders, infections and AIDS. The polypeptides are also useful for identifying their binding partners
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New isolated human genes and the secreted polypeptides they encode.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
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100.0%; Pred. No. 3.4
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                     Rosen CA, Ruben SM, N
Lafleur DW, Olsen HS,
                                                                                                                                                                                                                                                                                97US-0063111P.
97US-0063111P.
97US-0063148P.
                                                                                                                                                                                                        97US-0063098P.
97US-0063099P.
97US-0063100P.
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97US-0063092P.
97US-0063097P.
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97US-0063109P.
                                                                                                                                                                                                                                                                                                                             97US-0063386P.
97US-0063387P.
                                                                                                                                                                                                                                                                                                                                                                         (HUMA-) HUMAN GENOME SCI INC.
                                                                        98WO-US022376
                                                                                                                                                97US-0063090P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPI; 1999-303069/25.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 28 AA;
              WO9922243-A1.
                                                                        23-OCT-1998;
                                           06-MAY-1999.
                                                                                                                                                                             24-OCT-1997;
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24-OCT-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Greene JM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Carter KC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       12
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Kayw H,
                                                                                                                                                                                                                                                                                                                 24-OCT-
                                                                                                                                   24-OCT-
                                                                                                                                                24-OCT-
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XXXX
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Homo sapiens

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990S-0139763P

990S-0139817P

990S-0140354P

990S-0140823P

990S-0140823P

990S-0140823P

990S-014287P

990S-014334P

990S-0144334P

990S-0144334P

990S-0144334P

990S-0144334P

990S-0144334P

990S-0144334P

990S-0144334P

990S-0144334P

990S-014508P

990S-014508P

990S-014508P

990S-014508P

990S-014508P

990S-014508P

990S-014334P

990S-014508P

990S-014508P

990S-014508P

990S-014513P

990S-014513P

990S-014513P

990S-014513P

990S-014513P

990S-0147302P

990S-0147303P

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99US-0150884P.
99US-0151065P.
              21. JUL - 1999;
23. JUN - 1999;
24. JUN - 1999;
24. JUN - 1999;
26. JUN - 1999;
30. JUN - 1999;
30. JUL - 1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             02-AUG-1999;
03-AUG-1999;
04-AUG-1999;
04-AUG-1999;
05-AUG-1999;
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09-AUG-1999;
09-AUG-1999;
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12-AUG-1999;
13-AUG-1999;
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16.-AUG-1999;
17.-AUG-1999;
18.-AUG-1999;
20.-AUG-1999;
20.-AUG-1999;
23.-AUG-1999;
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26-AUG-1999;
27-AUG-1999;
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27-JUL-1999;
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28-JUL-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              23-JUL-1
23-JUL-1
     Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.
                        Arabidopsis thaliana protein fragment SEQ ID NO: 73318.
                                                                                                                                                                                                     990S-0121825P.
990S-0123180P.
990S-012548P.
990S-0125788P.
990S-012642P.
990S-0128234P.
990S-0128234P.
990S-01308114P.
990S-01308114P.
990S-01308114P.
990S-0130811P.
990S-0130811P.
990S-013081P.
990S-0132484P.
990S-0132484P.
990S-0132484P.
990S-0132481P.
990S-0132481P.
990S-0132481P.
990S-0132481P.
990S-013421P.
990S-013532P.
990S-013532P.
990S-013532P.
990S-013532P.
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990S-013532P.
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99US-0139492P
99US-0139454P
99US-0139454P
99US-0139456P
99US-0139457P
99US-0139459P
99US-0139460P
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99US-0139463P.
99US-0139750P.
                                                                                                                                                                                2000EP-00301439
 (first entry)
                                                                                                  Arabidopsis thaliana
                                                                                                                                                                              25-FEB-2000;
                                                                                                                                                                                                     25-FEB-1999;

05-MAR-1999;

23-MAR-1999;

25-MAR-1999;

25-MAR-1999;

01-APR-1999;

06-APR-1999;

06-APR-1999;

16-APR-1999;

16-APR-1999;

13-APR-1999;

23-APR-1999;

23-APR-1999;

23-APR-1999;

24-APR-1999;

06-MAY-1999;

06-MAY-1999;

06-MAY-1999;

06-MAY-1999;

07-MAY-1999;

07-MAY-1999;

06-MAY-1999;

07-MAY-1999;

07-MAY-1999;
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14 - MAY - 1999;
19 - MAY - 1999;
20 - MAY - 1999;
21 - MAY - 1999;
24 - MAY - 1999;
25 - MAY - 1999;
27 - MAY - 1999;
28 - MAY - 1999;
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17-00N-1999;
18-00N-1999;
18-00N-1999;
18-00N-1999;
18-00N-1999;
                                                                                                                          EP1033405-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       01-JUN-1999;
03-JUN-1999;
04-JUN-1999;
07-JUN-1999;
10-JUN-1999;
10-JUN-1999;
18-OCT-2000
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18-JUN-1999
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18-JUN-1999
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us-10-066-965a-4.oliqo.rag

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The invention relates to an antimicrobial peptide composition for use against organisms such as bacteria and fungi comprising a peptide of 5-150 amino acids containing a 7-13 amino acid core sequence (derived from 150 mino acids containing a 7-13 amino acid core sequence (derived from probable structures are fully described in the specification. Also included are (1) an antimicrobial peptide composition for direct activity or for potentiating antimicrobial peptide composition for direct activity or for potentiating antimicrobial agents active against organisms such as bacteria and fungi comprising a peptide of 13-7 containing an amino acid core sequence selected from truncations of the peptides described above, and retromers, extensions, combinations and fusions; and (2) antimicrobial peptides for potentiating antimicrobial activity of antimicrobial peptides are useful as individual antimicrobial agents.

CC antimicrobial peptides are useful as individual antimicrobial agents.

CC antimicrobial peptides are useful as individual antimicrobial agents (2) antimicrobial peptides are useful as individual antimicrobial agents.

CC conventional attimicrobials, agents the enhance the antimicrobial agents (2) conventional attimicrobials, agents to improve efficiency of conventional attimicrobials, agents to improve efficiency of molecular of foods and consentics and as agents to improve efficiency of molecular of foods and consentions and as and as agents to improve efficiency of molecular of those motorial attimicrobial peptides of prior art have generally become problems of toxicity, immunogenicity, and short are based upon natural attimicrobial peptides that have potent and broad spectrum activity against pathogens exhibiting multiple antibiotic considered to broadegradation, retaining activity in plasma and constitutes due to biodegradation, retaining activity in plasma and constitutes are arabbit pymp based antimicrobial peptides are arabbit pym based antimicrobial peptides are arabbit pym based antimicrobial antim
                                                                                                                                                                                                                                                                   New antimicrobial peptide composition for the prevention and treatment of infections caused by organisms, such as bacteria and fungi, exhibiting multiple antibiotic resistance.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 40;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 5; Ler
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25.0%; Score 5; DB 5
100.0%; Pred. No. 4.4
tive 0; Mismatches
                                                                                                                                                                                       (HARB-) HARBOR-UCLA RES & EDUCATION INST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADF94734 standard; protein; 42 AA.
                                                                                                                                                                                                                                                                                                                                   Example; Page 67; 221pp; English.
                                                                                                                              24-AUG-2001; 2001WO-US041877.
                                                                                                                                                           25-AUG-2000; 2000US-00648816
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity 100.
                            Oryctolagus cuniculus.
                                                                                                                                                                                                                    Shen AJ;
                                                                                                                                                                                                                                                 WPI; 2002-590659/63.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               8 LRCVC 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29 LRCVC 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 40 AA;
 mutant; mutein.
                                                                     WO200255554-A2.
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                                                                                                  18-JUL-2002
                                                                                                                                                                                                                    Yeaman MR,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADF94734;
                                            Synthetic
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Rabbit platelet microbicidal protein, PMP-2, based peptide #104.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
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100.0%; Pred. No. 3.9
:ive 0; Mismatches
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99US-0161405P.
99US-0161406P.
99US-0161359P.
99US-0161360P.
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99US-0160741P.
99US-0160767P.
99US-0160768P.
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99US-0160980P.
99US-0160981P.
99US-0160989P.
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99US-0159295P.
99US-0159329P.
99US-0159330P.
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99US-0157753P.
99US-0157865P.
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99US-0160814P.
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99US-0161992P.
                                                                        99US-0152363P.
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99US-0155659P.
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                                             99US-0151438P.
                                                                                                       99US-0153758P
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                99US-0151080P
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Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13 QMLET 17
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06-0CT-1999;
07-0CT-1999;
08-0CT-1999;
12-0CT-1999;
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13-OCT-1999;
13-OCT-1999;
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29-OCT-1999
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                                                                                                                                                                                                                                        04-OCT-1999
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Gaps .

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Claim 5; SEQ ID NO 7; 84pp; Japanese.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (MITS-) MITSUI SEIYAKU KOGYO KK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAW57222 standard; protein; 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            96JP-00298219.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        04-AUG-1998 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                      Yamaguchi Y;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (FUJI-) FUJITA GAKUEN
                                                   WPI; 2002-698673/75.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 1998-325762/29.
                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                           14 PRGAP 18
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                                                                                                                                                                                                                                                                                                                             Sequence 42 AA;
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                      Handa H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAW57222;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                for
                                                                                                                                                                                                                                                                                                                                                                                        The present invention relates to a method for searching hepatitis D remedies. The method comprises adding a test compound to a system containing e.g. a hepatitis D virus antigen (HDV antigen) and RNA polymerase II, measuring the binding level of HDV antigen binding to RNA polymerase II, and comparing with a control for selection of a compound inhibiting the binding. The method is for screening remedies for hepatitis D including for hepatitis virus D accompanying hepatitis B, such as gene expression promoters applicable in regeneration medicine for treating organs or tissues. The present sequence is a HDV antigen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                           Virucide; hepatitis D virus antigen; HDV antigen; RNA polymerase II.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Virucide; hepatitis D virus antigen; HDV antigen; RNA polymerase II.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .,
Hepatitis D virus type III antigen protein fragment, SEQ ID 9.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25.0%; Score 5; DB 5; Length 42; 100.0%; Pred. No. 4.6e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                Claim 5; SEQ ID NO 9; 84pp; Japanese.
                                                                                                                                                                                                      SCI & ENG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CIRCLE PROMOTION SCI & ENG. KYOWA HAKKO KOGYO KK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADF94732 standard; protein; 42 AA.
                                                                                                                                           27-FEB-2002; 2002WO-JP001817.
                                                                                                                                                                                                   (CIRC-) CIRCLE PROMOTION SCI
(KYOW ) KYOWA HAKKO KOGYO KK
                                                                                                                                                                          27-FEB-2001; 2001JP-00053163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            27-FEB-2002; 2002WO-JP001817,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         27-FEB-2001; 2001JP-00053163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                               Yamaguchi
                                                                                                                                                                                                                                                                          WPI; 2002-698673/75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                          Hepatitis D virus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hepatitis D virus
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                                                                                     WO200268655-A1
                                                                                                                06-SEP-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5;
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                                                                                                                                                                                                                                             Handa H,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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Matches
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NOT COURT OF STATE OF

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The present invention relates to a method for searching hepatitis D remedies. The method comprises adding a test compound to a system containing e.g. a hepatitis D virus antigen (HDV antigen) and RNA polymerase II, measuring the binding level of HDV antigen binding to Polymerase II, and comparing with a control for selection of a compound inhibiting the binding. The method is for screening remedies for hepatitis D including for hepatitis virus D accompanying hepatitis B, such as gene expression promoters applicable in regeneration medicine for treating organs or tissues. The present sequence is a HDV antigen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
Non-infective cell-requiring method of searching for hepatitis D remedies in a system containing e.g. polypeptide binding to RNA polymerase II with measuring of binding level for indication.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Targeting vector Tg-2/Not containing PGK-neomycin-resistant gene protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  no
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The present sequence represents a protein from a targeting vector Tg-2/Not containing a PGK-neomycin-resistant gene, from the present invention. The targeting vector is used in an example of the present invention for producing a gene-deleted animal e.g. a mouse comprising gene to encode nucleobindin in which all or part of nucleobindin gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Targeting vector; Tg-2/Not; nucleobindin; screening, nephritis,
blood vessel; inflammation; PGK-neomycin-resistant gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 5; Leus
^, 4.6e+02;
0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     25.0%; Score 5; DB 5
100.0%; Pred. No. 4.6
ive 0; Mismatches
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(first entry)

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Human; secreted protein; immunosuppressive; antiarthritic; antirheumatic; antiproliferative; oytostatic; cardiant; vasotropic; cerebroprotective; nootropic; neuroprotective; antibacterial; virucide; fungicide; neoplasm; obthalmalogical; autoimmune disease; rheumatoid arthritis; angiogenesis; hyperproliferative disorder; cardiovascular disorder; infection; cerebrovascular disorder; nervous system disorder; ocular disorder; wound healing; chemotaxis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Isolated nucleic acid molecule encoding a human secreted protein is used in preventing, treating or ameliorating a medical condition.
                                                                            Gene 11 human secreted protein homologous amino acid sequence #129.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Disclosure; Page 27; 434pp; English.
AAB39249 standard; protein; 46 AA.
                                                                                                                                                                                                                                                                                                      16-MAR-2000; 2000WO-US006792.
                                                                                                                                                                                                                                                                                                                                                                       (HUMA-) HUMAN GENOME SCI INC
                                                                                                                                                                                                                                                                                                                                                                                                                             WPI; 2000-579483/54
                                                                                                                                                                                                                                                WO200056754-A1.
                                                                                                                                                                                                                       Homo sapiens.
                                                                                                                                                                                                                                                                                                                                 19-MAR-1999;
                                                                                                                                                                                                                                                                                                                                              10-DEC-1999;
                                                      02-FEB-2001
                                                                                                                                                                                                                                                                            28-SEP-2000.
                                                                                                                                                                                                                                                                                                                                                                                                   Rosen GA,
                         AAB39249;
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              adenocarcinoma, mammary adenocarcinoma, lung adenocarcinoma, pancreatic adenocarcinoma or non-seminomal testis carcinoma. The invention is also useful for preparing a medicament for treating or preventing cancer in a mammal. The present sequence is human cytokeratin KB protein fragment
deleted or replaced by another gene. The mouse can be used for screening therapeutic agents against diseases such as blood vessel inflammation and nephritis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The invention provides a cancer-associated epitope comprising two separate polypeptides, a cytokeratin 8 polypeptide and a cytokeratin 18 polypeptide. Vaccine composition of the invention is useful for treating or preventing colon adenocarcinoma, ovarian adenocarcinoma, renal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Novel isolated cancer-associated epitope comprising two separate polypeptides, a cytokeratin 8 polypeptide and a cytokeratin 18 polypeptide, useful as component of vaccine for preventing or treating
                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                 Human, cancer-associated epitope, cytokeratin K8; cytokeratin K18; adenocarcinoma; therapy; cancer.
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0
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                                                                                   25.0%; Score 5; DB 2; Length 44; 100.0%; Pred. No. 4.8e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                        Human cytokeratin K8 protein fragment #1.
                                                                                                                                                                                                                                        AAE38084 standard; protein; 44 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Claim 1; Page 20; 155pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         03-JAN-2003; 2003WO-US000297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   03-JAN-2002; 2002US-0345208P
                                                                                                                                                                                                                                                                                             (first entry)
                                                                                                                 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Jensenius JC;
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Best Local Similarity
Matches 5; Conserv
                                                                                                    Best Local Similarity
                                                                                                                                                                    PRGAP 10
                                                                                                                                           1 PRGAP 5
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                                                                                                                                                                                                                                                                                                                                                                                                                     WO2003057168-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         adenocarcinoma.
                                                            Sequence 44 AA;
                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens.
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                                                                                      Query Match
                                                                                                                 Matches
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Komatsoulis G;

Ruben SM,

99US-0125362P. 99US-0169980P.

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The polymuclectide sequences given in AAG74223-C74279 encode the human secreted proteins represented in AAB39179-B39226. Sequences AAB39227-B39308 are alternative proteins encoded by the genes, and also protein bave activities sequences with which they share homology. The proteins have activities based on the tissues and cells in which they are expressed. Examples of activities include: immunosuppressive; antiarthritic; antirhematic; antiporliferative; cytostatic; cardiant; vasotropic; antiporliferative; cytostatic; cardiant; vasotropic; encoprotective; concurpic; neuroprotective; antibacterial; vinucide; fungicide; and contropic; neuroprotective; antibacterial; vinucide; fungicide; and contropic; neuroprotective; antibacterial; vinucide; fungicide; and contropic; neuroprotective; antibacterial; vinucide; fungicide; and squalsts of the invention may be useful in the treatment, prevention, and/or diagnosis of various disease, disorders and conditions such as autoimmune diseases e.g. rheumatoid arthritis, hyperproliferative disorders e.g. neoplasms of the breast or liver, cardiovascular disorders e.g. cardiac arrest, cerebrovascular disorders e.g. cardiac arrest, cerebrovascular disorders e.g. cardiac arrest, cerebrovascular disorders e.g. cardiac arrest, bacterial, viruses and fungi and ocular disorders e.g. corneal infection. The polypeptides can also be used to aid wound healing and epithelial cell proliferation, to regenerate tissues, additive or preservative e.g. to increase storage capabilities. Sequences characterisation of the genes of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 5; DB 3; Pred. No. 4.960; Mismatches
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100.0%; Pre
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Matches
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RESULT 57

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14 MLETK 18 MLETK 37

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33

RESULT 56 AAB39249

AAM21142

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WO200157278-A2
                 Homo sapiens.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The present invention relates to human single exon nucleic acid probes (SENP: see AA110068-AA128459). The present sequence is a peptide encoded by one such probe. The SENPs are derived from human HeLa cells. The SENPs can be used to produce a single exon microarray, which can be used for measuring human gene expression in a sample derived from human cervical epithelial cells. By measuring gene expression, the probes are therefore useful in grading and/or staging of diseases of the cervix, noctably cervical cancer. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              numman genome-derived single exon nucleic acid probes useful for analyzing gene expression in human cervical epithelial cells.
                                                                                                                                 Peptide #7576 encoded by probe for measuring cervical gene expression.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Peptide #1843 encoded by probe for measuring cervical gene expression.
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                                                                                                                                                                          Probe, human; microarray; gene expression; cervical epithelial cell;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 25968; 487pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DR;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Rank
          AAM21142 standard; protein; 46 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (MOLE-) MOLECULAR DYNAMICS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Chen W,
                                                                                                                                                                                                                                                                                                                                                                                                                                            30-JUN-2000; 2000US-00608408.
03-MUG-2000; 2000US-00632566.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0236399P.
04-OCT-2000; 2000GB-00024263P.
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                                                                                                                                                                                                                                                                                                                                                              30-JAN-2001; 2001WO-US000670
                                                                                                                                                                                                                                                                                                                                                                                                         2000US-0180312P
                                                                                          (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WPI; 2001-488901/53
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Best Local Similarity
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                                                                                                                                                                                                cervical cancer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 46 AA;
                                                                                                                                                                                                                                         Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                            26-MAY-2000;
30-JUN-2000;
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                                                                                          12-OCT-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13
                                                   AAM21142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Penn SG,
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Matches
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The present invention relates to human single exon nucleic acid probes (SENP: see AAI10068-AAI28459). The present sequence is a peptide encoded by one such probe. The SENPS are derived from human HeLea cells. The SENPs can be used to produce a single exon microarray, which can be used for measuring human gene expression in a sample derived from human cervical epithelial cells. By measuring gene expression, the probes are therefore useful in grading and/or staging of diseases of the cervix, notably cervical cancer. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pot_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human cervical epithelial cells.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              25.0%; Score 5; DB 4; Length 46; 100.0%; Pred. No. 4.9e+02; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Rank DR;
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                                                                                                                                                                                                                                                                                                                                                                                                           (MOLE-) MOLECULAR DYNAMICS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Chen W,
                                                                                                                                                                26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-00632366.
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27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
                                                                   30-JAN-2001; 2001WO-US000670.
                                                                                                                                   04-FEB-2000; 2000US-0180312P.
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
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Matches 5; Conservative
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09-AUG-2001
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Gaps

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Claim 27;

gene

Penn SG,

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The invention relates to a single exon nucleic acid probe for measuring human gene expression in a sample derived from human foetal liver. The single exon nucleic acid probes may be used for predicting, measuring and displaying gene expression in samples derived from human fetal liver. The present sequence is a peptide encoded by a single exon nucleic acid probe of the invention. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human placenta.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              for measuring placental gene expression.
27; SEQ ID NO 27049; 639pp + Sequence Listing; English.
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Pred. No. 4.9e+02;
); Mismatches 0; Indels
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                                                                                                                                                                                                                                                   25.0%; Scor
100.0%; Pro
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100.0%;
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30-UIN-2000; 2000US-0060B408
03-AUG-2000; 2000US-00633366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0236359P.
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Best Local Similarity
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Best Local Similarity
Matches 5; Conserv
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    Claim
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                                                                                                                                                                                                                                                                                                                 The invention relates to a single exon nucleic acid probe for measuring human gene expression in a sample derived from human foetal liver. The single exon nucleic acid probes may be used for predicting, measuring and displaying gene expression in samples derived from human fetal liver. The present sequence is a peptide encoded by a single exon nucleic acid probe of the invention. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                      Human genome-derived single exon nucleic acid probes useful for analyzing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       foetal liver; gene expression; single exon nucleic acid probe.
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                                                                                                                                                                                                                                                                                SEQ ID NO 36094; 639pp + Sequence Listing; English
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. 4.9e+02;
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100.0%; Pred. No...
0; Mismatches
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                                                                                                                                            Rank
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30-JUN-2000; 2000US-0069408.
03-AUG-2000; 2000US-0632366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-02359P.
04-OCT-2000; 2000GB-00024263.
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                                                                                                   (MOLE-) MOLECULAR DYNAMICS INC
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    03-AUG-2000; 2000US-00632366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-023559P.
04-OCT-2000; 2000GB-00024263.
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Best Local Similarity 100.00
Enhag 5; Conservative
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                                                                                                                                            Hanzel DK,
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ABB34414;

RESULT 60 ABB34414 Human;

Penn SG,

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The first probes for measuring gene expression in a sample derived from human breast and BT 474 cells. The method involves contacting the probes with a collection of detectably labelled nucleic acids derived from meNA of human breast, and then measuring the label bound to each probe of the microarray. The probes are useful for verifying the expression of regions of genomic DNA predicted to encode proteins. They are useful for gene discovery, and for determining predisposition and/or prognosing breast disease. Gene expression analysis is useful for assessing the toxicity of chemical agents on cells. The microarray of this invention presents at ar greater diversity of probes for measuring gene expression, with far less bias than expressed sequence taggene expression, with far less bias than expressed sequence is a peptide microarrays. The method is suitable for rapid production of functional information from genomic sequence. The present sequence is a peptide encoded by a single exon nucleic acid probe of the invention. Note: The sequence data for this patent did not form part of the printed sequence data for this patent did not form part of the printed sequence is a feptive the wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                            New spatially-addressable set of single exon nucleic acid probes, useful for measuring gene expression in sample derived from human breast, comprises number of single exon nucleic acid probes.
                                    Human; microarray; single exon probe; gene expression; breast; disease;
   Peptide #1902 encoded by breast cell single exon nucleic acid probe.
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30-UN-2000, 2000US-0060B408
03-AUG-2000, 2000US-00632366.
21-SEP-2000, 2000US-0234687P.
27-SEP-2000, 2000US-0236359P.
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                                                                                                               WO200157271-A2.
                                                                                 Homo sapiens.
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                                                                                                                                                                                                                                     Peptide #11384 encoded by probe for measuring placental gene expression.
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 Mismatches
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2000US-00608408.
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27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Hanzel DK,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                              20 RGAPM 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13 QMLET 17
                               2 RGAPM 6
                                                                                                                                                                                                                                                                                    genetic disorder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 46 AA;
                                                                                                                                                                                                                                                                                                                                               WO200157272-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OMLET
                                                                                                                                                                                                                                                                                                                  Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                           26-MAY-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         03-AUG-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                           04-FEB-2000;
                                                                                                                                                                                                      17-0CT-2001
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                                                                                                                                                                                                                                                                                                                                                                              09-AUG-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5;
                                                                                                                                                                        AAM37347;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Penn SG,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                    Probe;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Loc
Matches
Matches
                                                                                                        RESULT 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 63
                                                                                                                            AAM37347
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Gaps

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2000US-0234274P.
2000US-0234997P.
2000US-0235484P.
2000US-0235834P.
2000US-0235836P.
2000US-0235327P.
2000US-0235356P.
2000US-0235370P.
2000US-0235370P.
2000US-0235370P.
2000US-0235370P.
2000US-0235370P.
2000US-0235370P.
2000US-0237034P.
2000US-0239337P.
2000US-0239337P.
2000US-0239337P.
2000US-0239337P.
2000US-0239337P.
2000US-0241785P.
2000US-0241785P.
2000US-0241785P.
2000US-0241786P.

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08 NOV-2000; 2000US-0246525P.
08 NOV-2000; 2000US-0246525P.
08 NOV-2000; 2000US-0246528P.
08 NOV-2000; 2000US-0246528P.
08 NOV-2000; 2000US-0246611P.
08 NOV-2000; 2000US-0246611P.
08 NOV-2000; 2000US-0246611P.
08 NOV-2000; 2000US-024920P.
17-NOV-2000; 2000US-024920P.
17-NOV-2000; 2000US-0249210P.
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17-NOV-2000; 2000US-0249210P.
17-NOV-2000; 2000US-0249214P.
17-NOV-2000; 2000US-0249214P.
17-NOV-2000; 2000US-0249216P.
17-NOV-2000; 2000US-0249218P.
17-NOV-2000; 2000US-0249219P.
17-NOV-2000; 2000US-0249264P.
17-NOV-2000; 2000US-0249264P.
17-NOV-2000; 2000US-0249264P.
17-NOV-2000; 2000US-0249264P.
17-NOV-2000; 2000US-0229318P.
05-DEC-2000; 2000US-0251988P.
05-DEC-2000; 2000US-0251866P.
08-DEC-2000; 2000US-0251866P.
08-DEC-2000; 2000US-0251866P.
                21-SEP-2000;
25-SEP-2000;
26-SEP-2000;
27-SEP-2000;
27-SEP-2000;
27-SEP-2000;
29-SEP-2000;
29-SEP-2000;
29-SEP-2000;
29-SEP-2000;
29-SEP-2000;
29-SEP-2000;
                                                                                                                                                                                                                                                                                      13-OCT-2000;
20-OCT-2000;
20-OC
                                                                                                                                                                                                                 02-0CT-2000;
02-0CT-2000;
02-0CT-2000;
02-0CT-2000;
   Human; respiratory antigen; respiratory disorder; throat disorder; lung disorder; nose disorder; lung cancer; gene therapy; cytostatic; anti allergic; anti asthmatic; anti inflammatory; olfactory;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2000US-0229287F
2000US-0229343P
2000US-0229345F
2000US-0229345F
2000US-0229513F
2000US-0229513F
2000US-0239438P
2000US-0231242P
2000US-0231244P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          200005-0218290P

200005-0220963P

200005-0220963P

200005-0224519P

200005-022513P

200005-0225213P

200005-0225264P

200005-0225268P

200005-0225268P

200005-0225268P

200005-0225268P

200005-0225759P

200005-0225759P
                                                                                                                                                                                                                                     2000US-0179065P.
2000US-018664P.
2000US-018464P.
2000US-0189374P.
2000US-0190076P.
2000US-0190076P.
2000US-020515P.
2000US-020515P.
2000US-020515P.
2000US-020467P.
2000US-0214886P.
2000US-0214886P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         2000US-0216880P.
2000US-0217487P.
2000US-0217496P.
                                                          respiratory active
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01.SEP-2000; 200

01.SEP-2000; 200

01.SEP-2000; 200

05.SEP-2000; 200

06.SEP-2000; 200

06.SEP-2000; 200

08.SEP-2000; 200

14.SEP-2000; 200

14.SEP-2000; 200

14.SEP-2000; 200

14.SEP-2000; 200

14.SEP-2000; 200
                                                                                                                                  WO200155448-A1
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44-FEB-2000; 2
24-FEB-2000; 2
24-MAR-2000; 2
11-MAR-2000; 2
11-MAR-2000; 2
19-MAR-2000; 2
19-MAR-2000; 2
19-MAR-2000; 2
19-MAR-2000; 2
10-JUN-2000; 2
30-JUN-2000; 2
30-JUN-2000; 2
31-JUN-2000; 2
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14-AUG-2000; 2
14-AUG-2000; 2
14-AUG-2000; 2
18-AUG-2000; 2
22-AUG-2000; 2
22-AUG-2000; 2
23-AUG-2000; 2
23-AUG-2000; 2
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14-SEP-2000;
14-SEP-2000;
14-SEP-2000;
14-SEP-2000;
                                                                                              Homo sapiens
                                                                                                                                                                                                     17-JAN-2001;
                                                                                                                                                                   02-AUG-2001
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2000US-0246477P. 2000US-0246478P. 2000US-0246523P.

2000US-0246524P

2000US-0244617P. 2000US-0246474P. 2000US-0246475P. 2000US-0246476P.

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Example 4; SEQ ID NO 27905; 658pp + Sequence Listing; English
                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                     99
                                                                                                                                                                                                                                                                                                                                                                                     RESULT
     à
                                                                                                                                                                                                                                                                                                                                                                                                                    셤
                                                                                                                                                                                   The present invention relates to the isolation of novel human respiratory antigens, and cDNA (AAS27869-AAS28159) and genomic sequences encoding for these polypeptides. The sequences of the invention are useful for preparatory system including throat disorders (e.g. vocal cord paralysis, tospiratory system including throat disorders (e.g. vocal cord paralysis, tospiratory system including throat disorders e.g. pneumonia, allergic disorders e.g. asthma, pleurisy, cystic fibrosis, emphysema, nose disorders and cancers of the respiratory tissues e.g. lung cancer. The polymucleotide sequences of the invention are useful in gene therapy and antisense therapy. AAUT/685-AAUT/975 represent novel human respiratory antigens. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                              ò
                                                                                                                       Isolated polypeptide for treating, preventing and/ or prognosing disorders related to the respiratory system including respiratory cancers and also for testing and detection e.g. diagnosis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Protein #1825 encoded by probe for measuring heart cell gene expression.
                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                              .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human, gene expression, heart, microarray, vascular system, cardiovascular disease, hypertension, cardiac arrhythmia,
                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                    25.0%; Score 5; DB 4; Length 46; 100.0%; Pred. No. 4.9e+02; Live 0; Mismatches 0; Indels
                                                                                                                                                                 Claim 11; SED ID No 502; 546pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABB19826 standard; protein; 46 AA.
                                                                   Ruben SM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (MOLE-) MOLECULAR DYNAMICS INC
08-DEC-2000; 2000US-0251990P.
11-DEC-2000; 2000US-0254097P.
05-JAN-2001; 2001US-0259678P.
                                             (HUMA-) HUMAN GENOME SCI INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2000US-0207456P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2000US-00632366.
2000US-0234687P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2000GB-00024263.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2000US-0236359P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                                                                                                                                                                                                                                                                                                           5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        congenital heart disease
                                                                   Rosen CA, Barash SC,
                                                                                      WPI; 2001-476224/51
                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                15 LETKF 19
                                                                                                  N-PSDB; AAS28068
                                                                                                                                                                                                                                                                                                                                                                                                                                    9
                                                                                                                                                                                                                                                                                                                                               Sequence 46 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                    LETKF
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30-JUN-2000;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   04-FEB-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               21-SEP-2000;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     04-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      23-JAN-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        09-AUG-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABB19826;
                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABB19826
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The present invention relates to single exon nucleic acid probes for measuring human gene expression in a sample derived from human heart (see ABA21535-ABA41305). The present sequence is a protein encoded by one such probe. The probes may be used for predicting, measuring and displaying gene expression in samples derived from the human heart via microarrays. By measuring gene expression, the probes are useful for predicting, diagnosing, grading, staging, monitoring and prognosing diseases of the human heart and vascular system e.g. cardiovascular disease, hypertension, cardiac arrhythmias and congenical heart disease. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human genome-derived single exon nucleic acid probes useful for analyzing
                                                                                                  Single exon nucleic acid probes for analyzing gene expression in human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human bone marrow expressed probe encoded protein SEQ ID NO: 27905.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human; bone marrow expressed exon; gene expression analysis; probe; microarray; cancer; leukaemia; lymphoma; myeloma.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 46;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 4; Lenc
0. 4.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25.0%; Scor.
100.0%; Pred. No. ...
0; Mismatches
                                                                                                                                                                            Claim 15; SEQ ID NO 21596; 530pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Chen W, Rank DR,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gene expression in human bone marrow.
Rank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAM67599 standard; protein; 46 AA.
Chen W,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (MOLE-) MOLECULAR DYNAMICS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , 2000US-0180312P.
2000US-0207456P.
2000US-00608408.
2000US-0032366.
2000US-0234687P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          30-JAN-2001; 2001WO-US000668.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2000GB-00024263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               06-NOV-2001 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5; Conservative
Penn SG, Hanzel DK,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Hanzel DK,
                                                 WPI; 2001-488899/53.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 RGAPM 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 RGAPM 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 46 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WO200157276-A2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              04-FEB-2000;
26-MAY-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30-JUN-2000;
03-AUG-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21-SEP-2000;
27-SEP-2000;
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OMLET OMLET

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ABG58835

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The present invention provides a number of single exon nucleic acid probes which are derived from genomic sequences expressed in the human brain. They can be used to measure gene expression in brain cell samples, which may enable the diagnosis and improved treatment of nervous system diseases such as Alzheimar's disease, multiple sclerosis, schizophrenia, epilepsy and cancers. The present sequence is a protein encoded by one of the probes of the invention
                                                                                                                                                                                          ö
   The present invention provides a number of single exon nucleic acid probes which are derived from genomic sequences expressed in the human bone marrow. They can be used to measure gene expression in bone marrow samples, which may enable the improved diagnosis and treatment of cancers such as lymphoma, leukaemia and myeloma. The present sequence is a protein encoded by one of the probes of the invention
                                                                                                                                                                                                                                                                                                                                                                                                                                         Human brain expressed single exon probe encoded protein SEQ ID NO: 36494.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; brain expressed exon; gene expression analysis; probe; microarray; Alzheimer's disease; multiple sclerosis; schizophrenia; epilepsy; cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Single exon nucleic acid probes for analyzing gene expression in human
                                                                                                                                                                                           Gaps
                                                                                                                                                                                           ;
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                                                                                                                                                                                          0; Indels
                                                                                                                                                            Length 46;
                                                                                                                                                           25.0%; Score 5; DB 4; Let 100.0%; Pred. No. 4.9e+02; ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Chen W, Rank DR;
                                                                                                                                                                                                                                                                                                                                            AAM64389 standard; protein; 46 AA.
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-0053266.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0234687P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (MOLE-) MOLECULAR DYNAMICS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            30-JAN-2001; 2001WO-US000667.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2000GB-00024263
                                                                                                                                                                                                                                                                                                                                                                                                              (first entry)
                                                                                                                                                                                             5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Hanzel DK,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 2001-483446/52
                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                             20 KGAPM 24
                                                                                                                                                                                                                            RGAPM 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 46 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WO200157275-A2.
                                                                                                                             Sequence 46 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              04-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                            05-NOV-2001
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                                                                                                                                                                                                                              N
                                                                                                                                                                                                                                                                                                                                                                             AAM64389;
                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                               RESULT 67
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The invention relates to a single exon nucleic acid probe (SENP) (I) for measuring human gene expression in a sample derived from human adult liver, comprising one of 13109 defined nuclecitds sequences given in the specification (or complements) fragments). The probe hybridises at high stringency to a nucleic acid molecule expressed in the human adult liver. (I) may be used for predicting, measuring and displaying gene expression in samples derived from human adult liver. The genes identified may be involved in genetic liver diseases such as cirrhosis, hyperlipoproteinaemia, hyperlipidaemia and hypercholesterolaemia which is associated with coronary heart disease. ABG47348-ABG59300 represent human colliboration for this patent does not appear in the printed specification but was obtained in electronic format directly from WIPO at the wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human adult liver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                            Human, liver, cirrhosis; hyperlipoproteinaemia; hyperlipidaemia; hypercholesterolaemia; coronary heart disease.
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o. 4.9e+02;
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100.0%; Pred. No. 4.5
:ive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                            DR;
                                                                                  Human liver peptide, SEQ ID No 37483
                                                                                                                                                                                                                                                                                                                                                                                                                             Rank
ABG58835 standard; peptide; 46 AA.
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                                                                                                                                                                                                                                                                                                                       2000US-00632366.
2000US-0234687P.
2000US-0236359P.
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2000US-00608408.
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                                                           (first entry)
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                                                                                                                                                                                         WO200157273-A2.
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21-SEP-2000;
27-SEP-2000;
                                                                                                                                                                Homo sapiens.
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                              ABG58835;
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69 RESULT 69 ABG49246

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Gaps

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0; Indels

25.0%; Score 5; DB 4; Length 46; 100.0%; Pred. No. 4.9e+02; Live 0; Mismatches 0; Indels

Conservative

Query Match Best Local Similarity 5; Conserve

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The present invention relates to novel single exon nucleic acid probes (see AA100010-AA110067). The present sequence is a peptide encoded by one such probe. The probes are useful for measuring human gene expression in a human breast sample, where the probe hybridises at high stringency to a nucleic acid expressed in the human breast. The probes are useful for predicting, diagnosing, grading, staging, monitoring and prognosing diseases of the human breast, particularly those diseases with polygenic actiology. The diseases include: breast cancer, disorders of development,
                               Probe; human; breast disease; breast cancer; development disorder; inflammatory disease; proliferative breast disease; non-carcinoma tumour.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Novel single exon nucleic acid probe used to measuring gene expression in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       inflammatory diseases of the breast, fibrocystic changes, proliferative breast diseases and non-carcinoma tumours. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
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pulmonary histiocytosis; lymphangioleiomyomtosis; Karagener syndrome;
pulmonary alveolar proteinosis; fibrocystic pulmonary dysplasia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human; single exon probe; asthma; lung cancer; COPD; ILD; chronic Obstructive pulmonary disease; interstitial lung disease; familial idiopathic pulmonary fibrosis; neurofibromatosis; tuberous sclerosis; Gaucher's disease; Niemann-Pick disease;
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30-UUN-2000; 2000US-0060B408
03-AUG-2000; 2000US-00632366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-023659P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Chen W,
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Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human adult liver.
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                                                                                                                                                                                   Human; liver; cirrhosis; hyperlipoproteinaemia; hyperlipidaemia; hypercholesterolaemia; coronary heart disease.
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                                                                                                                                       Human liver peptide, SEQ ID No 27894
ABG49246 standard; peptide; 46 AA
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-0053266.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-023459P.
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                                                                                            (first entry)
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Matches 5; Conserv
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                                                                                                                                                                                                                                                         Homo sapiens
                                                                                            25-FEB-2003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Spatially-addressable set of single exon nucleic acid probes, used to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The invention relates to a spatially-addressable set of single exon
            dyskinesis; pulmonary hypertension;
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2000US-00608408.
2000US-00632366.
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27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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                                                     disease
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        primary ciliary d
hyaline membrane
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Length 46;

Score 5; DB 5; Le Pred. No. 4.9e+02;

25.0%; S

Query Match Best Local Similarity

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the interiest of probes for measuring gene expression in a sample derived from human lung comprising single exon nucleic acid probes having one of 12614 nucleic acid sequences mentioned in the specification, or their complements or the 12387 oper reading frames derived from the 12614 probes. Also included are a microarray comprising the novel set of probes which hybridise at high stringency to a nucleic acid expressed in the human lung, measuring gene expression in a sample derived from human lung, comprising (a) contacting the array with a collection of detectably labeled nucleic acids derived from human lung carray; identifying exons in a evaryotic genome, comprising (a) array; identifying exons in a evaryotic genome, comprising (b) the evaryotic and (b) detecting specific hybridisation of detectably the labeled nucleic acids from entaryote lung mRNA, to a single exon probe, having a fragment identical to the predicted exon, the probe is included comprising (a) identifying exons from exaryots exons to a single gene, comprising (a) identifying exons from genomic sequence by the method above mentioned microarray; assigning exons to a single gene, comprising (a) identifying exons from genomic sequence by the method above mat (b) measuring the expression of each of the exons in several
                                                                                                                                                                                                                                                             Human peptide encoded by genome-derived single exon probe SEQ ID 26857.
                                                                                                                                                                                                                                                                                                                                                                                     Hermansky-Pudlak syndrome; sarcoldosis; pulmonary haemosiderosis; pulmonary histiocytosis; lymphangioleiomyomtosis; Karagener syndrome; pulmonary alveolar proteinosis; fibrocystic pulmonary dysplasia; pulmonary ciliary dyskinesis; pulmonary hypertension; hyaline membrane disease.
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                                                                                                                                                                                                                                                                                                       Human; single exon probe; asthma; lung cancer; COPD; ILD; chronic obstructive pulmonary disease; interstitial lung disease; familial idiopathic pulmonary fibrosis; neurofibromatosis; tuberous sclerosis; Gaucher's disease; Niemann-Pick disease;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       measure gene expression in human lung samples.
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                                                                                                                                          ABG37192 standard; peptide; 46 AA.
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; 2000US-0234687P.
; 2000US-0236359P.
; 2000GB-00024263.
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2000US-00608408
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OMLET 17
                                    32 OMLET 36
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04-OCT-2000;
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                                                                                                     RESULT 72
                                                                                                                           ABG37192
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tissues and/or cell types using hybridisation to a single exon
microarrays having a probe with the exon, where a common pattern of
expression of the exons in the tissues and/or cell types indicates that
the exons should be assigned to a single que; a peptide comprising one
of 12011 sequences, mentioned in the specification, or encoded by the
probes/open reading frames (ORF). The probes are used for gene expression
analysis, and for identifying exons in a gene, particularly using human
lung derived mRNA and for the study of lung diseases such as asthma, lung
cancer, chronic obstructive pulmonary disease (COPD), interstitial lung
disease (ILD), familial idiopathic pulmonary fibrosis, neurofibromatosis,
tuberous sclerosis, Gaucher's disease, Niemann-Pick disease, Hermansky-
bullak syndrome, sarcoidosis, pulmonary alwoolar proteinosis,
faragener syndrome, fibrocystic pulmonary daysplasia, primary ciliary
dyskinesis, pulmonary hypertension and hyaline membrane disease. The
present sequence is a peptide/protein encoded by a single exon probe of
the invention. Note: The sequence data for this patent did not form part
of the printed specification, but was obtained in electronic format
directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          antiinflammatory; antiallergic; antiasthmatic; cytostatic; gene therapy; respiratory system antigen; human respiratory system associated polynucleotide; respiratory system disorder; throat disorder; vocal cord paralysis; tonsillitis; laryngitis; lung disorder; preumonia; allergic disorder; asthma; eosinophilic pneumonia; pleurisy; cystic fibrosis; emphysema; histicotyosis; sarcoidosis; nose disorder; rininitis; sinusitis; neoplasm; cancer; respiratory tissue cancer; throat cancer; lung cancer; cancer of the nose; gene therapy; chromosome identification; forensic; human respiratory system associated protein; human.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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2000US-0215135P.
2000US-021647P.
2000US-0216880P.
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2000US-0209467P.
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les 5; Conservative
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17-MAR-2000; 2
18-APR-2000; 2
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07-JUN-2000;
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30-JUN-2000;
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07-JUL-2000;
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Matches
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2000US-0218290P.
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2000US-0220964P.
2000US-0224518P.
2000US-0224519P.
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200US-0229343P.
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2000US-0225267P.
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02-OCT-2000;
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Novel respiratory system antigen and polynucleotides encoding the polypeptides, useful for treating diagnosing, treating or preventing tonsillitis, pneumonia, asthma and cystic fibrosis, emphysema, throat
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17.NOV-2000; 2000US-0249264P.
17.NOV-2000; 2000US-0249264P.
17.NOV-2000; 2000US-0249297P.
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01.DEC-2000; 2000US-0251030P.
05.DEC-2000; 2000US-0251030P.
05.DEC-2000; 2000US-0251030P.
05.DEC-2000; 2000US-0251479P.
06.DEC-2000; 2000US-0251868P.
08.DEC-2000; 2000US-0251868P.
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2000US-0249244P.
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2000US-0249214P.
2000US-0249215P.
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17-NOV-2000; 2000US-0249211P.
17-NOV-2000; 2000US-0249212P.
17-NOV-2000; 2000US-0249213P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Rosen CA, Ruben SM,
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           01-NOV-2000; 2
08-NOV-2000; 2
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17-NOV-2000; 2
17-NOV-2000; 2
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17-NOV-2000;
17-NOV-2000;
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              a subject which involves determining the presence or absence of mutation in (II) or determining the presence or amount of expression of (I) in a biological sample and diagnosing a pathological condition based on the persult. The human respiratory system associated polymocleotides, the polypeptides encoded by them, and antibodies that immunospecifically bind these polypeptides are useful in diagnosis, treatment, prevention and/or prognosis of disorders of respiratory system such as throat disorders (e.g., vocal cord paralysis, tonsillitis, and laryngitis), lung disorders (e.g., pneumonia), allergic disorders, (e.g., asthma and eosinophilic pneumonia), pleurisy, cystic fibrosis, emphysema, histiocytosis, sarcoidosis, nose disorders (thinis and sinusitis), neoplasms and/or cancers of respiratory tissues (e.g., throat cancer, lung cancer, and cancer of the nose). The polynucleotides are useful in gene therapy
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pathological condition or a susceptibility to a pathological condition in
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                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                       Length 46;
                                                                                                                                                                                                                                                                                     25.0%; Score 5; DB 7; Ler 100.0%; Pred. No. 4.9e+02; Live 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABB38152 standard; peptide; 47 AA.
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2000US-0207456P.
2000US-0068408.
2000US-00632366.
2000US-0234681P.
2000US-0234681P.
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                                                                                                                                                                                                                                                                                                         Local Similarity 100.
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21-SEP-2000; 2
27-SEP-2000; 2
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30-JUN-2000;
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Sequence 47 AA;

The invention describes an isolated polypeptide (I) comprising an amino acid sequence that is at least 90% identical to polypeptide fragment of any one of 299 respiratory system antigen sequences (F8) and having biological activity, polypeptide domain or epitope of PS, full-length protein of PS, or variant, allelic variant or species homolog of PS. (I) or a polynucleotide (II) encoding (I) is also useful for diagnosing a

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                                                                                                                                                                                                                               Peptide #5617 encoded by probe for measuring placental gene expression.
                                     Gaps
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DB 4; Lett.
No. 5e+02;
0; Indels
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        25.0%; Score 5; DB 4
100.0%; Pred. No. 5e+
ilve 0; Mismatches
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                                                                                                                                                    AAM31580 standard; protein; 47 AA.
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-0060840B.
03-AUG-2000; 2000US-02632366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0234687P.
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Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                          genetic disorder
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PRGAP 17

1 PRGAP 5

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Sequence Sequence Sequence

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US-09-764-877-2023
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US-10-437-963-110760
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181184,
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Sequence 3019, Ap
Sequence 2509, Ap
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Sequence 196, App
Sequence 2869, Ap
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                                                                                         October 26, 2004, 07:22:37 ; Search time 65 Seconds (without alignments) 99.618 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3,
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1: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/USO6_PUBCOMB.pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO6_PUBCOMB.pep:*
5: /cgn2_6/ptodata/2/pubpaa/USO7_NEW PUB.pep:*
6: /cgn2_6/ptodata/2/pubpaa/USO7_NEW PUB.pep:*
7: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
8: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
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12: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
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13: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
14: /cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*
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10: /cgn2_6/ptodata/2/pubpaa/USO0_NEW_PUB.pep:*
10: /cgn2_6/ptodata/2/pubpaa/USO0_NEW_PUB.pep:*
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10: /cgn2_6/ptodata/2/pubpaa/USO0_NEW_PUB.pep:*
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             GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-066-955A-23
US-10-066-955A-23
US-10-066-955A-22
US-10-06-955A-22
US-10-437-965-181134
US-10-369-493-17206
US-10-264-049-3133
US-10-284-1749-3019
US-10-282-122A-76949
US-10-282-122A-76949
US-10-282-122A-76949
US-10-282-122A-76949
US-10-282-123A-180
US-10-262-839-186
US-10-262-839-186
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                                                                                                                                                                                                                                                1364641 seqs, 323758627 residues
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                                                                 protein - protein search, using sw model
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seq length: 200000000
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Sequence 32143, A Sequence 22344, Sequence 210941, Sequence 1576, Ap Sequence 34034, A Sequence 34034, A Sequence 221140, Sequence 102, App Sequence 102, App Sequence 5972, Ap Sequence 90, App1 Sequence 135152, Sequence 144863, Sequence 144863, Sequence 144863, Sequence 149863, Sequence 149863, Sequence 149863, Sequence 149863, Sequence 149863,

Sequence 240184, Sequence 7816, Ap Sequence 772, App Sequence 183176, Sequence 2023, Ap Sequence 2023, Ap Sequence 28138, Sequence 28138,

Result No. Sequence 464, App Sequence 105389, Sequence 173123, Sequence 151381,

Sequence 176, App Sequence 200, App Sequence 200, App Sequence 528, App Sequence 634, App Sequence 634, App Sequence 637, App Sequence 20, Appl Sequence 107866, Sequence 120828, Sequence 120828, Sequence 12023, App Sequence 502, App Sequence 204604, Sequence 204604, Sequence 204604, Sequence 20552, Appl Sequence 20552, Appl Sequence 20552, Appl Sequence 20552, Appl Sequence 20562, Sequence 20563, Sequence 20593, Sequence 20593, Sequence 20593, Sequence 205956, Sequence 205956, Sequence 205956, Sequence 205956,

Minimum DB Maximum DB

Database

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Searched:

Sequence:

Title: Perfect

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Sequence 22, Application US/10066965A

Fublication No. US2030143626A1

GENERAL INFORMATION:

APPLICANT: COLAS, PIERRE

APPLICANT: COHEN, BAREN

APPLICANT: COHEN, BAREN

TITLE OF INVENTION: TARGERED

FILE REFERENCE: EGYP 3.0-015

CURRENT APPLICATION NUMBER: US/10/066,965A

CURRENT FILING DATE: 202-12-09

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PATENTIN Ver. 2.1
                                                                                                                                       US-10-066-965A-3

Sequence 3, Application US/10066965A

Publication No. US20030143626A1

GENERAL IMPORMATION:

APPLICANT: COLAS, PIERRE

APPLICANT: COCHEN, BARAK A.

TITLE OF INVENTION: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS

FILE REFERENCE: EGYP 3.0-015

CURRENT APPLICATION UNMERR: US/10/066,965A

CURRENT APPLICATION NOWBER: 202-12-09

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PATENTIN Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: peptide
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Pred. No. 1.2;
0; Mismatches 0; Indels
                                     Indels
Score 20; DB 14; Pred. No. 1.1e-14;
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100.0%; Pred. No. 1.2;
tive 0; Mismatches
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100.0%; Pr
ttive 0;
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100.0%;
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LENGTH: 20
TYBE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity luv.
7; Conservative
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|PRGAPMW 7
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            Query Match
Best Local Similarity
Matches 20; Conserv
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US-10-066-965A-3
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LENGTH: 20
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                                                                                           Sequence 124347,
Sequence 7168, Ap
Sequence 153530,
                          215851,
127248,
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159333,
                                                                Sequence 243343,
Sequence 115372,
Sequence 124347,
                                                                                                                                142846,
                                                    236694,
                                                                                                                                                                      Sequence 134702,
                                                                                                                                                                                                                                                       Sequence 4, Application US/1006965A

Sequence 4, Application US/1006965A

Publication No. US20030143626A1

SENERAL INFORMATION:
APPLICANT: COLAS, PIERRE
APPLICANT: BRENT, ROGER
APPLICANT: COHEN, BARAK A.
TITLE OF INVENTION: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS
FILE REPRESENCE: EGGYP 3.0-015
CURRENT APPLICATION NUMBER: US/10/066,965A

CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 4

LENGTH: 20
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            US-10-767-701-50033
US-10-424-599-215851
US-10-424-599-215851
US-10-424-599-243343
US-10-424-599-243343
US-10-437-963-115372
US-10-437-963-115372
US-10-437-963-115372
US-10-437-963-15330
US-10-424-599-142846
US-10-424-599-142846
US-10-424-599-145945
US-10-437-963-15710
US-10-424-599-185333
US-10-437-963-15710
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ORGANISM: Artificial Sequence
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116
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Best Local Similarity 100.
Matches 20; Conservative
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LENGTH: 20
                 TYPE: PRT
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                                         APPLICANT: BLISE et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REPERENCE: PA133PI
CURRENT APPLICATION NUMBER: US/10/264,049
CURRENT FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: US 60/209,467
PRIOR APPLICATION NUMBER: US 60/209,467
PRIOR PILING DATE: 2000-06-07
PRIOR PILING DATE: 2000-06-07
PRIOR PILING DATE: 2000-06-07
PRIOR FILING DATE: 2010-06-07
                                                                                                                                                                                                                                                                                                                                                                                                                                               30.0%; Score 6; DB 15; Length 285; 100.0%; Pred. No. 1.1e+02; Attive 0; Mismatches 0; Indels
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APPLICANT: NAGARARI, KENJI
APPLICANT: NAGARINI, KENJI
TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
FILE REFERENCE: 084335/0160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/094,749
CURRENT FILING DATE: 2002-03-12
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PRIOR FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: JP 2001-328381
PRIOR FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 3381
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 3019, Application US/10094749; Publication No. US20030219741A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WARAMATSU, AI
SATO, HIROYUKI
ISHII, SHIZUKO
YAMAMOTO, JUN-ICHI
ISONO, YUUKO
HIO, YURI
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SEKI, NAOHIKO
YOSHIKAWA, TSUTOMU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUGIYAMA, TOMOYASU OTSUKI, TETSUJI
  Publication No. US20040005579A1
GENERAL INFORMATION:
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OTSUKA, KAORU
NAGAI, KEIICHI
IRIE, RYOTARO
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Best Local Similarity 100.
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
US-10-264-049-3133
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US-10-094-749-3019
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LENGTH: 285
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                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
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APPLICANT:
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US-10-437-963-181184

US-10-437-963-181184

Sequence 181184, Application US/10437963

Publication No. US20040123343A1

SEGUENCE 181184, Application US/10437963

Publication No. US20040123343A1

APPLICANT: La Rosa, Thomas J.

APPLICANT: Zhou, Yihua

APPLICANT: Applicant: Aco, Yongwei

APPLICANT: Barbazuk, Brad

APPLICANT: Li, Ping

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

CURRENT APPLICANION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14

SEQ ID NO 181184

LENGTH: 81

LENGTH: 81
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APPLICANT: Gao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Gaodman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROPERTIES
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
CURRENT APPLICATION NUMBER: US 60/360,039
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR PRILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 17206
LENGTH: 278
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          30.0%; Score 6; DB 16; Length 81; 100.0%; Pred. No. 41;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Clone ID: PAT_MRT4530_78482C.1.pep
US-10-437-963-181184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
30.0%; Score 6; DB 1.
Best Local Similarity 100.0%; Pred. No. 1.1
Matches 6; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Pred ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 17206, Application US/10369493; Publication No. US20030233675A1; GENERAL INFORMATION:
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US-10-264-049-3133
; Sequence 3133, Application US/10264049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
CRGANISM: Bacillus halodurans
US-10-369-493-17206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LETKFL 230
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Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                  APPLICANT: Zhang, Bing
APPLICANT: Gibson, Bradford W.
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Marnock, Dale E.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: DEBNIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088.465
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE PASSES FOR Windows Version 4.0
SEQ ID NO 2509
TRENGTH. 395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
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CURRENT FILING DATE: 2003-02-20
PRIOR PELICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR PILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR PILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PELING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR PELING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-09
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Mang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                  Sequence 2509, Application US/10408765A Publication No. US20040101874A1 GENERAL INPORMATION:
APPLICANT: Ghosh, Soumitza S. APPLICANT: Fahy, Eoin D.
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PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
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Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ohlsen, Kari
Zyskind, Judith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Wall, Daniel
Trawick, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-2509
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365 QMLETK 370
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Matches 6; Conserv
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US-10-282-122A-76949
                                                                          RESULT 9
US-10-408-765A-2509
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APPLICANT:
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APPLICANT:
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APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-462A
CURRENT APPLICATION NUMBER: US/10/262,839
CURRENT PILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: 60/326,483
PRIOR APPLICATION NUMBER: 60/326,483
PRIOR APPLICATION NUMBER: 60/326,937
PRIOR APPLICATION NUMBER: 60/326,029
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR PILING DATE: 2001-10-09
PRIOR PILING DATE: 2001-10-09
PRIOR PILING DATE: 2001-0-09
PRIOR PILING DATE: 2002-05-16
PRIOR PILING DATE: 2002-05-16
PRIOR PILING DATE: 2002-05-16
PRIOR FILING DATE: 2002-05-16
PRIOR FILING DATE: 2002-05-16
PRIOR FILING DATE: 2002-05-16
PRIOR FILING DATE: 2002-05-17
PRIOR FILING DATE: 2002-05-18
PRIOR FILING DATE: 2001-10-05
PRIOR FILING DATE: 2001-10-05
PRIOR FILING DATE: 2001-10-05
PRIOR PAPLICATION NUMBER: 60/327,342
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 60/327,342
                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 76949
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0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Taupier, Raymond, jr.,
Vernet, Corine,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Anderson, David W.,
Boldog, Ferenc,
Burgess, Catherine,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Catterton, Elina,
Edinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Guo, Xiaojia,
Ji, Weizhen,
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Reiger, Daniel,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Shimkets, Richard,
Smithson, Glennda,
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Voss, Edward,
Zerhusen, Brian,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Li, Li,
Miller, Charles,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Kekuda, Ramesh,
                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Vibrio cholerae
                                                                                                                                                                                                                                                                                                                                                                                                         6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   177 APMWLR 182
                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                          4 APMWLR 9
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US-10-262-839-180
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APPLICANT:
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APPLICANT:
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PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION WUMBER: 60/378, 849
PRIOR FILING DATE: 2001-10-12
PRIOR PLING DATE: 2002-04-23
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 367
SOFTWARE: CaraSequist version 0.1
SEQ ID NO 196
LENGTH: 577
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APPLICANT: Ghosh, Soumitra S.
APPLICANT: Farly, Edin D.
APPLICANT: Farly, Edin D.
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Taylor, Steven W.
APPLICANT: Warnock, Dale E.
TITLE OF INVENTION: TARGETS FOR THERABEUTIC INTERVENTION
TITLE OF INVENTION: TARGETS FOR THERABEUTIC INTERVENTION
TITLE OF INVENTION: TARGETS FOR THERABEUTIC INTERVENTION
TITLE OF INVENTION: DEPRITED IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 66008 465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FREESE FOR Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .,
                                                                                                                                                                                                                                                                                                                               Length 577;
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                                                                                                                                                                                                                                                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                               30.0%; Score 6; DB 15; Le
100.0%; Pred. No. 1.9e+02;
ative 0; Mismatches 0;
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Publication No. US20040038877A1
GENERAL INFORMATION:
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APPLICANT: Anderson, David W.,
APPLICANT: Boldog, Ferenc,
APPLICANT: Burges, Catherine,
APPLICANT: Catterton, Elina,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Edinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Guo, Xiaojia,
Ji, Weizhen,
                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-262-839-196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
US-10-408-765A-2869
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LENGTH: 731
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-462A
CURRENY APPLICATION NUMBER: US/10/262,839
CURRENY FILING DATE: 2002-10-01
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                                                                                                              Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 367
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 180
LENGTH: 571
                                                                                                                                                                                                                                                                                                                          h 30.0%; Score 6; DB 15; Length 571; Similarity 100.0%; Pred. No. 1.9e+02; 6; Conservative 0; Mismatches 0; Indels
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PRIOR FILING DATE: 2001-10-02
PRIOR FILING DATE: 2001-10-02
PRIOR PELING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR PILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 60/381,101
PRIOR APPLICATION NUMBER: 60/31,972
PRIOR PILING DATE: 2002-04-12
PRIOR FILING DATE: 2002-04-12
PRIOR FILING DATE: 2001-0-05
PRIOR FILING DATE: 2001-0-05
PRIOR FILING DATE: 2001-0-05
PRIOR PRIOR DATE: 2001-0-05
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,849
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/374,738
PRIOR FILING DATE: 2002-04-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 196, Application US/10262839
Publication No. US20040038877A1
GENERAL INFORMATION:
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Rothenberg, Mark,
Shinkets, Richard,
Smithson, Glennda,
Spytek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
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Burgess, Catherine,
Catterton, Elina,
Edinger, Shlomit,
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Reiger, Daniel,
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Gerlach, Valerie,
Gorman, Linda,
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Ji, Weizhen,
Kekuda, Ramesh,
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Miller, Charles,
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Voss, Edward,
                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-262-839-180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                545 OMLETK 550
                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                     13 QMLETK 18
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APPLICANT:
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APPLICANT: Zhong, Mei
APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-462A
FILE REPERENCE: 21402-462A
CURRENT APPLICATION NUMBER: 60/326,483
PRIOR APPLICATION NUMBER: 60/326,483
PRIOR APPLICATION NUMBER: 60/326,483
PRIOR APPLICATION NUMBER: 60/326,483
PRIOR APPLICATION NUMBER: 60/326,29
PRIOR PLILNG DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2002-05-16
PRIOR FILING DATE: 2002-05-16
PRIOR FILING DATE: 2002-06-16
PRIOR FILING DATE: 2002-06-16
PRIOR FILING DATE: 2002-06-16
PRIOR FILING DATE: 2002-06-16
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR PRIOR APPLICATION NUMBER: 60/328,044
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-01-00-09
PRIOR F
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; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 186, Application US/10262839; Publication No. US20040038877A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                        Spyrek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
Voss, Edward,
Zerhusen, Brian,
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100.08; LL
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Boldog, Ferenc,
Burgess, Catherine,
Catterton, Elina,
Edinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Gow, Xiaojia,
Ji, Weizhen,
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Rothenberg, Mark,
Shimkets, Richard,
Smithson, Glennda,
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                                                                           Li, Li,
Miller, Charles,
Kekuda, Ramesh,
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                                       Leach, Martin,
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US-10-262-839-182
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Best Local Similarity
Matches 6; Conserv
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US-10-262-839-186
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APPLICANT:
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Voss, Edward,
APPLICANT: Zerhusen, Brian,
APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-462A
CURRENT APPLICATION VNMBER: US/10/262,839
CURRENT FILING DATE: 2002-10-01
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PRIOR FILLING DATE: 2001-10-02
PRIOR FILLING DATE: 2001-10-02
PRIOR PELICATION NUMBER: 60/326,483
PRIOR FILLING DATE: 2001-10-09
PRIOR FILLING DATE: 2001-10-09
PRIOR FILLING DATE: 2001-10-09
PRIOR PILLING DATE: 2001-10-09
PRIOR PILLING DATE: 2001-10-09
PRIOR PILLING DATE: 2001-10-09
PRIOR PILLING DATE: 2001-10-09
PRIOR FILLING DATE: 2001-10-09
PRIOR FILLING DATE: 2001-09
PRIOR PILLING DATE: 2001-10-09
PRIOR PILLING DATE: 2001-10-03
PRIOR PILLING DATE: 2001-0-12
PRIOR PILLING DATE: 2001-0-12
PRIOR PILLING DATE: 2001-0-12
PRIOR PILLING DATE: 2001-0-14-03
PRIOR PILLING DATE: 2001-0-15
PRIOR PILLING DATE: 2001-0-16-12
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100.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 0; Indels
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Publication No. US20040038877A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John,
APPLICANT: Anderson, David W.,
APPLICANT: Boldog, Ferenc,
APPLICANT: Burgess, Catherine,
APPLICANT: Catterton, Elina,
APPLICANT: Edinger, Shlomit,
APPLICANT: Ellerman, Karen,
APPLICANT: Gerlach, Valerie,
APPLICANT: Gerlach, Valerie,
APPLICANT: Good, Xiaojia,
APPLICANT: Guo, Xiaojia,
APPLICANT: di, Weizhen,
                                                                                                                                                                                                   Rothenberg, Mark,
Shimkets, Richard,
Smithson, Glennda,
Spytek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
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Reiger, Daniel,
                                                                           Li, Li,
Miller, Charles,
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Matches 6; Conservative
   Kekuda, Ramesh,
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ORGANISM: Homo sapiens
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US-10-262-839-182
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT
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APPLICANT: 1.1. in APPLICANT: 1.1. in APPLICANT: Gorman, Linda APPLICANT: Gorman, Linda APPLICANT: Gorman, Linda APPLICANT: Gusev, Vladimir Y. APPLICANT: Patturajan, Meralidhara APPLICANT: Patturajan, Mera APPLICANT: Shenoy, Suresh G. APPLICANT: Shenoy, Suresh G. APPLICANT: Shenoy, Suresh G. TITLE OF INVENTION: POlypeptides and Polynucleotides Encoding Same FILE REFERENCE: 15966-556 CIP1
TITLE OF INVENTION: Polypeptides and Polynucleotides Encoding Same FILE REFERENCE: 15966-556 CIP1
CURRENT PILING DATE: 2002-02-13
PRIOR APPLICATION NUMBER: 60/144,722
PRIOR APPLICATION NUMBER: 60/144,722
PRIOR APPLICATION NUMBER: 60/144,722
PRIOR APPLICATION NUMBER: 60/16,994
PRIOR PILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: 60/206,994
PRIOR FILING DATE: 2001-03-19
PRIOR FILING DATE: 2001-03-19
PRIOR FILING DATE: 2001-04-032,241
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APPLICANT: Shinkets, Richard A
APPLICANT: Shinkets, Elma
TITLE OF INVENTION: POLYPEPTIDES AND POLYNUCLEOTIDES ENCODING SAME
FILE REPEBENCE: 15966-552
CURRENT APPLICATION NUMBER: US/10/000,512
CURRENT FILING DATE: 2001-10-23
PRIOR APPLICATION NUMBER: 09/619,252
PRIOR APPLICATION NUMBER: 60/167,785
PRIOR PILING DATE: 1999-11-29
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 2
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                                                                                  Length 1568;
                                                        DB 15; Le...
Mo. 4.1e+02; Indels .
                                                                 30.0%; Scor.
100.0%; Pred. No. x...
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                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/10000512 Publication No. US20020164699A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
APPLICANT: Fernandes, Elma R.
                                                        Query Match
Best Local Similarity 100...
Local 6; Conservative
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ORGANISM: Homo sapiens
; ORGANISM: Mus musculus
US-10-263-929-117
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Best Local Similarity
Matches 6; Conserv
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REPERINCE: 21402-462A
CURRENT APPLICATION NUMBER: 105/10/262,839
CURRENT PILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: 60/326,483
PRIOR PELLOR TILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: 60/327,917
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR APPLICATION NUMBER: 60/328,056
PRIOR APPLICATION NUMBER: 60/328,056
PRIOR APPLICATION NUMBER: 60/311,972
PRIOR APPLICATION NUMBER: 60/311,972
PRIOR APPLICATION NUMBER: 60/327,342
PRIOR APPLICATION NUMBER: 60/327,342
PRIOR APPLICATION NUMBER: 60/327,342
PRIOR APPLICATION NUMBER: 60/328,044
PRIOR APPLICATION NUMBER: 60/328,044
PRIOR PLILNG DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 60/328,449
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,439
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/324,738
PRIOR FILING DATE: 2001-10-09
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Publication No. US20040067535A1
GENERAL INFORMATION:
APPLICANT: Kim, Jacsob
APPLICANT: Kim, Galant, Ron
TITLE OF INVENTION: Alzheimer's Disease Linked Genes
FILE REFERENCE: LSD-07417
CURRENT APPLICATION WUMBER: US/10/263,929
CURRENT FILING DATE: 2002-10-03
NUMBER OF SEQ ID NOS: 213
SOFTWARE: Patentin version 3.2
LENGTH: 1568
                                                                                                                                                                                                                                                  Spytek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
                                                                                                                   Patturajan, Meera,
Reiger, Daniel,
Rothenberg, Mark,
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                                                                 Li, Li,
Miller, Charles,
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Best Local Similarity 100.
Matches 6; Conservative
     Kekuda, Ramesh
Leach, Martin,
                                                                                                                                                                                                                                                                                                                      Vernet, Corin
Voss, Edward,
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US-10-262-839-186
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Lí, Li,
Miller, Charles,
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Leach, Martin,
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ORGANISM: Homo sapiens
US-10-262-839-176
                                  1393 QMLETK 1398
                                                                                                                        US-10-262-839-176
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APPLICANT: Patson, Meera
APPLICANT: Patturajan, Meera
APPLICANT: Shenoy, Suresh G.
APPLICANT: Shenoy, Suresh G.
ITLE OF INVENTION: Polypeptides and Polynucleotides Encoding Same FILE REPRENUE: 15966-556 CIP1
CURRENT APPLICATION NUMBER: US/10/074,566
CURRENT FILING DATE: 2002-02-13
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                                                                                                                                                                                                                                                                                                                      DB 14; Lc...
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                                                                                                                                                                                                                                                                                                                                             Score 6; 1
Pred. No.
PRIOR FILING DATE: 2001-11-14

PRIOR APPLICATION NUMBER: 60/288,062

PRIOR FILING DATE: 2001-05-02

PRIOR FILING DATE: 2001-05-07

PRIOR PLING DATE: 2001-05-17

PRIOR PILING DATE: 2001-05-17

PRIOR FILING DATE: 2001-08-21

NUMBER OF SEQ ID NOS: 132

SEQ ID NO 2

LENGTH: 1588
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PRIOR APPLICATION NUMBER: 09/619,252
PRIOR PILING DATE: 2000-07-19
PRIOR PILING DATE: 2000-07-19
PRIOR PILING DATE: 1999-07-20
PRIOR FILING DATE: 1999-07-20
PRIOR FILING DATE: 1999-07-20
PRIOR FILING DATE: 1999-07-20
PRIOR PILING DATE: 1999-07-29
PRIOR APPLICATION NUMBER: 60/206,994
PRIOR APPLICATION NUMBER: 60/206,994
PRIOR PILING DATE: 2001-03-19
PRIOR PILING DATE: 2001-11-14
PRIOR PILING DATE: 2001-11-14
PRIOR PILING DATE: 2001-05-02
PRIOR PILING DATE: 2001-05-02
PRIOR PILING DATE: 2001-05-07
PRIOR PILING DATE: 2001-05-17
PRIOR PILING DATE: 2001-05-17
PRIOR PILING DATE: 2001-05-17
PRIOR PILING DATE: 2001-05-17
PRIOR PILING DATE: 2001-06-17
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US-10-074-566-41
; Sequence 41, Application US/10074566
; Publication No. US20030207348A1
                                                                                                                                                                                                                                                                                                                          30.0%; Scor.
100.0%; Pre
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APPLICANT: Shimkets, Richard A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Fernandes, Elma R
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Gusev, Vladimir Y.
                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                              13 OMLETK 18
                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: human
US-10-074-566-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: human
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LENGTH: 1588
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APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODE
FILE REFERENCE: 21402-462A
CURRENT APPLICATION NUMBER: US/10/262,839
CURRENT FILING DATE: 2002-10-01
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PRIOR APPLICATION NUMBER: 60/326, 483
PRIOR PELING DATE: 2001-10-02
PRIOR PELING DATE: 2001-10-02
PRIOR PELING DATE: 2001-10-09
PRIOR PELING DATE: 2001-0-09
PRIOR PELING DATE: 2002-05-16
PRIOR PELING DATE: 2002-05-16
PRIOR PELING DATE: 2002-05-16
PRIOR PELING DATE: 2002-04-12
PRIOR PELING DATE: 2002-04-12
PRIOR PELING DATE: 2001-10-09
PRIOR PELING DATE: 2001-10-12
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; Sequence 176, Application US/10262839; Publication No. US2004003887781
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Taupier, Raymond, jr.,
Vernet, Corine,
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                                                                                                                                           Anderson, David W.,
Boldog, Ferenc,
Burgess, Catherine,
                                                                                                                                                                                                                                                       Catterton, Elina,
Badinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Guo, Xiaojia,
Ji, Weizhen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patturajan, Meera,
Reiger, Daniel,
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Shimkets, Richard
Smithson, Glennda
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Voss, Edward,
Zerhusen, Brian,
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Best Local Similarity
Matches 6; Conserv
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13 QMLETK 18

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Gaps

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APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODE
TITLE REFERENCE: 21402-462A
CURRENT APPLICATION NUMBER: US/10/262,839
CURRENT FILING DATE: 2002-10-01
PERSON PELICATION NUMBER: 60/326,483
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SOFTWARE: CuraSeqList version 0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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PRIOR APPLICATION NUMBER: 60/327,917
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR PRILING DATE: 2001-10-09
PRIOR PELING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/381,101
PRIOR APPLICATION NUMBER: 60/381,101
PRIOR PILING DATE: 2002-06-16
PRIOR FILING DATE: 2002-06-12
PRIOR PILING DATE: 2002-06-12
PRIOR PILING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: 60/327,342
PRIOR APPLICATION NUMBER: 60/328,044
PRIOR PILING DATE: 2001-10-09
PRIOR PILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2001-10-12
PRIOR FILING DATE: 2001-10-12
PRIOR FILING DATE: 2001-10-12
PRIOR FILING DATE: 2001-10-12
                                                                                                                                                                                                         Sequence 194, Application US/10262839
Publication No. US20040038877A1
GENERAL INFORMATION:
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Vernet, Corine,
Voss, Edward,
Zerhusen, Brian,
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Reiger, Daniel,
Rothenberg, Mark,
Shimkets, Richard,
Smithson, Glennda,
Spytek, Kimberly,
                                                                                                                                                                                                                                                                                                         APPLICANT: Alsobrook, John,
APPLICANT: Anderson, David W.,
APPLICANT: Boldog, Ferenc,
APPLICANT: Burgess, Catherine,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Guo, Xiaojia,
Ji, Weizhen,
Kekuda, Ramesh,
Leach, Martin,
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Edinger, Shlomit,
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Miller, Charles,
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ORGANISM: Homo sapiens
                                      1393 OMLETK 1398
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LENGTH: 1588
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APPLICANT:
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APPLICANT:
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IIILE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-462A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
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FRIOR PILING DATE: 2002-04-12
FRIOR APPLICATION NUMBER: 60/327,342
FRIOR PILING DATE: 2001-10-05
FRIOR FILING DATE: 2001-10-05
FRIOR PILING DATE: 2001-10-12
FRIOR APPLICATION NUMBER: 60/328,49
FRIOR APPLICATION NUMBER: 60/378,49
FRIOR APPLICATION NUMBER: 60/374,738
FRIOR APPLICATION NUMBER: 60/374,738
FRIOR PILING DATE: 2002-04-23
FRIOR PILING DATE: 2002-04-23
FRIOR PILING DATE: 2002-04-13
FRIOR APPLICATION NUMBER: 60/374,738
FRIOR FILING DATE: 2002-04-23
FRIOR FILING DATE: 2002-04-23
FRIOR FILING DATE: 2002-04-12
FRIOR FILING DATE: 2002-04-12
FRIOR FILING DATE: 2002-04-12
FRIOR FILING DATE: 2001-10-12
FRIOR FILING DATE: 2001-10-12
FRIOR APPLICATION NUMBER: 60/374,738
FRIOR A
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CURRENT FILING DATE: 2002-10-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2001-10-02
PRIOR FILING DATE: 2001-10-02
PRIOR PELING DATE: 2001-10-03
PRIOR FILING DATE: 2001-10-09
PRIOR FILING DATE: 2002-05-16
                                                                                                                                                                                               Sequence 188, Application US/10262839
Publication No. US20040038877A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John,
APPLICANT: Anderson, David W.,
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Taupier, Raymond, jr.,
Vernet, Corine,
Voss, Edward,
Zerhusen, Brian,
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Burgess, Catherine,
Catterton, Elina,
Edinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
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Reiger, Daniel,
Rothenberg, Mark,
Shimkets, Richard,
Smithson, Glennda,
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Kekuda, Ramesh,
Leach, Martin,
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Miller, Charles,
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Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Guo, Xiaojia,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
US-10-262-839-188
|||||
1393 QMLETK 1398
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APPLICANT:
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                                                                                                                                          Sequence 528, Application US/09834765

Patent No. US200205547841

GENERAL INPORMATION:

APPLICANT: Pia M. Challita-Eid

APPLICANT: Pia M. Challita-Eid

APPLICANT: Steve Chappell Mitchell

APPLICANT: Steve Chappell Mitchell

APPLICANT: ATTHE B. Raitano

APPLICANT: ATTHE B. TATHER B. RAITANO

TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT

TITLE OF INVENTION: AND DETECTION OF CANCER

FILE REFERENCE: 129. GUSUI

CURRENT APPLICATION NUMBER: 60/197,647

PRIOR APPLICATION NUMBER: 60/197,647

PRIOR APPLICATION NUMBER: 60/197,647

PRIOR APPLICATION NUMBER: 60/197,647

PRIOR APPLICATION NUMBER: 2001-00-21

SOFTWARE: FRASESQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Aya Jakobovits
TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
TITLE OF INVENTION: AND DETECTION OF CANCER
FILE REFERENCE: 129.0401
CURRENT APPLICATION NUMBER: US/09/834,765
CURRENT APPLICATION NUMBER: 05/197,647
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 770
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 634
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25.0%; Score 5; DB 9; Length 9; 100.0%; Pred. No. 1.2e+06; tive 0; Mismatches 0; Indel&
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 634, Application US/09834765
Patent No. US2002055478A1
GENERAL INFORMATION:
APPLICANT: Pia M. Challita-Eid
APPLICANT: Pia M. Challita-Eid
APPLICANT: Steve Chappell Mitchell
APPLICANT: Daniel E.H. Afar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 25.0
Best Local Similarity 100.
Matches 5; Conservative
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CRGANISM: Homo sapiens
US-09-834-765-634
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
||||||
1393 QMLETK 1398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 5; Conserv
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REPERENCE: 21402-462A
CURRENT REPELICATION NUMBER: US/10/262,839
CURRENT FILING DATE: 2002-10-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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PRIOR FILING DATE: 2001-10-02
PRIOR PLING DATE: 2001-10-02
PRIOR PLING DATE: 2001-10-02
PRIOR PLING DATE: 2001-10-09
PRIOR PLING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 60/328,056
PRIOR PLING DATE: 2002-05-16
PRIOR PLING DATE: 2002-05-16
PRIOR PLING DATE: 2001-10-09
PRIOR PLING DATE: 2001-10-12
PRIOR PLING DATE: 2002-04-23
PRIOR PLING DATE: 2002-04-23
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                                                                                                                                                  Sequence 200, Application US/10262839
Publication No. US20040038877A1
GRNERAL INFORMATION:
APPLICANT: Alsobrook, John,
APPLICANT: Anderson, David W.,
APPLICANT: Boldog, Ferenc,
APPLICANT: Burgess, Catherine,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rothenberg, Mark,
Shimkets, Richard,
Smithson, Glennda,
Spytek, Kimberly,
Taupier, Raymond, jr.,
Vernet, Corine,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 200
LENGTH: 1588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Li, Li,
Miller, Charles,
Patturajan, Meera,
Reiger, Daniel,
                                                                                                                                                                                                                                                                                                                              Catterton, Elina,
Edinger, Shlomit,
Ellerman, Karen,
Gerlach, Valerie,
Gorman, Linda,
Guo, Xiaojia,
Ji, Weizhen,
Kekuda, Ramesh,
Leach, Martin,
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Zerhusen, Brian,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0
Matches 6; Conservative
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; ORGANISM: Homo sapiens
US-10-262-839-200
                             1393 OMLETK 1398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT
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PRGAP

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Gaps
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                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/104,755
FILING DATE: 21-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                              TITLE OF INVENTION: CXC Chemokines as Regulators of Angiogenesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-231-417-416
| Sequence 416, Application US/10231417
| Publication No. US20030176681A1
| GENERAL INFORMATION:
| APPLICANT: Feng et al.
| TILLE OF INVENTION: 148 Human Secreted Proteins:
| FILE REFRENCE: P2019P1
| CURRENT APPLICATION NUMBER: US/10/231,417
| CURRENT PAPLICATION NUMBER: US/09/296,622
| PRIOR FILING DATE: 1999-04-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/213,383
APPLICATION NUMBER: 09-Dec-1998
APPLICATION NUMBER: 08/468,819
                                                                                                          NUMBER OF SEQUENCES: 93 CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7477
APPLICANT: Strieter, Robert M.
Polverini, Peter J.
Kunkel, Steven L.
                                                                                                                                                                                                                                                                  ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ID NO: 20:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 619
SOFTWARE: Patentin Ver. 2
                                                                                                                                                                                                     CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                 COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: N/A INFORMATION FOR SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11 LRCVC 15
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LENGTH: 28
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Sequence 1, Application US/10253118

Publication No. US20030138425A1

Publication No. US20030138425A1

GENERAL INFORMATION:

APPLICANT: Mather, Powell Jennie

TITLE OF INVENTION: CANCER-ASSOCIATED ANTIGEN CYTOKERATIN 8 AND METHODS OF USE THERE

TITLE OF INVENTION: CANCER-ASSOCIATED ANTIGEN CYTOKERATIN 8 AND METHODS OF USE THERE

TITLE OF INVENTION: UNMER: US/10/253,118

CURRENT APPLICATION NUMBER: US 60/323,844

PRIOR FILING DATE: 2001-09-21

PRIOR FILING DATE: 2001-09-21

PRIOR FILING DATE: 2002-09-04

NUMBER OF SEQ ID NOS: 8

SOFTWARE: FASESEQ for Mindows Version 4.0
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                                     Sequence 583, Application US/09834765
; Patent No. US2005055478A1
; GENERAL INPORMATION:
; APPLICANT: Mary Faris
; APPLICANT: Parture B. Raiteano
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Steve Chappell Mitchell
; APPLICANT: Aya Jakobovits
; TITLE OF INVENTION: GTP-BINDING PROTEIN USEFUL IN TREATMENT
; TITLE OF INVENTION: AND DETECTION OF CANCER
; FILE REPERENCE: 129 64USJ1
; CURRENT PILING DATE: 2001-09-21
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 770
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 583
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 12;
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100.0%; Pred. No. 98;
iive 0; Mismatches
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; Sequence 20, Application US/10104755
; Publication No. US20030031645A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 25.0%; 
Best Local Similarity 100.0%;
Matches 5; Conservative 0
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Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT;
CRGANISM: Homo sapiens
US-09-834-765-583
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      14 MLETK 18
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2 PRGAP 6
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LENGTH: 12
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Sequence 512.4 Application US/09864761
; APPLICANT: Rank, David R.
; APPLICANT: Rank, David R.
; APPLICANT: Pann, Sharron G.
; APPLICANT: APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUAND GENE EXPRESSION ANALYSIS BY MICROARRAY
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; TITLE OF INVENTION: HUAND GENE EXPRESSION ANALYSIS BY MICROARRAY
GURRENT PLING DATE: 2000-02-3
; PRIOR APPLICATION NUMBER: US 60/207, 456
PRIOR FILING DATE: 2000-09-03
; PRIOR PLILOSATION NUMBER: US 60/206
; PRIOR PLILOSATION NUMBER: US 60/206
; PRIOR FILING DATE: 2000-09-03
; PRIOR PLILOSATION NUMBER: PCT/US01/0066
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/0066
; PRIOR FILING DATE: 2001-01-30
; PRIOR PLILOSATION NUMBER: PCT/US01/0066
; PRIOR FILING DATE: 2001-01-30
; PRIOR PLILOSATION NUMBER: PCT/US01/0066
; PRIOR FILING DATE: 2001-01-30
; PRIOR PLILOSATION NUMBER: PCT/US01/0066
; PRIOR FILING DATE: 2001-01-30
                                                                                                                                                          Sequence 166275, Application US/10424599

Publication No. US20040031072A1

GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J

APPLICANT: Lou Yongwei

TITLE OF INVENTION: Boy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53223)B

CURRENT APPLICATION WUMBER: US/10/424,599

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 285684

SEQUENCE: 2003-04-28

FILE REFERENCE: MORE REPORTED TO NOS: 285684
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ORGANISM: Glycine max
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Best Local Similarity
Matches 5; Conserv
11 VCOML 15
                                                  10 VCOML 14
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Sequence 120828, Application US/10437963

Publication No. US20040123343A1

GENERAL INFORMATION:

APPLICANT: La Rosa, Thomas J.

APPLICANT: Cao, Yongwei

APPLICANT: Cao, Yongwei

APPLICANT: Barbazuk, Brad

APPLICANT: Barbazuk, Brad

APPLICANT: Li, Ping

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

CURRENT APPLICANT: 2003-05-14

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO 120828
                                                                                                                                                                                                                                                                                                           Sequence 167866, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Covalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5323)B
FULE REFERENCE: 38-21(5323)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
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                         Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25.0%; Score 5; DB 15; Length 44; 100.0%; Pred. No. 3.1e+02; ive 0; Mismatches 0; Indels
                   25.0%; Score 5; DB 14; Length 28; 100.0%; Pred. No. 2.2e+02; rive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Clone ID: PAT_MRT3847_12259C.1.pep
US-10-424-599-167866
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US-10-437-963-120828
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Best Local Similarity 100.0
Matches 5; Conservative
              Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 25.0
Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Glycine max
                                                                                                                              12 COMLE 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7 WLRCV 11
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                                                                                                                                                                                3 COMLE 7
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LENGTH: 44
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APPELICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC008
FILE REFERENCE: PC008
CURRENT APPLICATION NUMBER: US/09/764,860
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER: OS SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 502
LENGTH: 46
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PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR PILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers: 1.1
SEQ ID NOS: 45993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
Matches 5; Conserv
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APPLICANT: Rank, David R.
APPLICANT: Barnen, Sharron G.
APPLICANT: Barnen, David R.
APPLICANT: Harzel, David R.
APPLICANT: Harzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Acond.ca.X-1
CURRENT FILING DATE: 2001-05-23
FRIOR FILING DATE: 2000-02-04
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-36
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR PAPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PAPLICATION NUMBER: PAPLICATION NUMBER: US 60/236,359
PRIOR PAPLICATION NUMBER: PAPLICATION 
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OTHER INFORMATION: MAP TO AC007688.15

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.3

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.5

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.0

OTHER INFORMATION: EXPRESSED IN HELLO, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1

OTHER INFORMATION: EST_HUMAN HIT: R77154.1, EVALUE 1.00e-08
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                                       FRIOR PRICE ALLOW NUMBER: FCI/USOL/OUGES
PRIOR APPLICATION NUMBER: PCT/USOL/OGGS
PRIOR APPLICATION NUMBER: PCT/USOL/OGGS
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-09-21
PRIOR PELING DATE: 2000-09-21
PRIOR PELING DATE: 2000-09-21
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2001-01-29
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APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                          APPLICATION NUMBER: PCT/US01/00663
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Patent No. US20020048763A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 RGAPM 24
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2000-09-25

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FILING DATE: 2000-09-29
APPLICATION NUMBER: 60/251,856
FILING DATE: 2000-12-08
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APPLICATION NUMBER: 60/229,287
FILING DATE: 2000-09-01
APPLICATION NUMBER: 60/229,513
FILING DATE: 2000-09-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/231,413
FILING DATE: 2000-09-08
APPLICATION NUMBER: 60/229,509
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APPLICATION NUMBER: 60/237,039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 2000-10-02
APPLICATION NUMBER: 60/237,038
  APPLICATION NUMBER: 60/236,368
                                                                                                                                         FILING DATE: 2000-12-08
APPLICATION NUMBER: 60/229,344
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APPLICATION NUMBER: 60/236,802
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APPLICATION NUMBER: 60/246,474
FILING DATE: 2000-11-08
                                                                                                                 APPLICATION NUMBER: 60/251,868
                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/229,343
                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/229,345
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APPLICATION NUMBER: 60/236,367
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FILING DATE: 2000-10-20
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FILING DATE: 2000-10-13
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FILING DATE: 2000-11-08
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FILING DATE: 2000-11-17
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FILING DATE: 2000-11-17
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APPLICATION NUMBER: 60/225,759
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FILING DATE: 2000-09-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/215,135
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FILING DATE: 2000-08-14
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                                                                                                                                                                                                                                                                                                                       FILING DATE: 2000-09-01
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FILING DATE: 2000-09
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PRIOR 
                                                                          Sequence 502, Application US/10074095
Publication No. US20030077704A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC008C1
                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/074,095
CURRENT FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: 09/764,860
PRIOR APPLICATION NUMBER: 00/19,628
PRIOR FILING DATE: 2000-01-31
PRIOR FILING DATE: 2000-01-31
PRIOR FILING DATE: 2000-02-04
PRIOR PELICATION NUMBER: 60/11,886
PRIOR PELICATION NUMBER: 60/11,886
PRIOR FILING DATE: 2000-05-04
PRIOR FILING DATE: 2000-05-04
PRIOR FILING DATE: 2000-07-26
PRIOR PELICATION NUMBER: 60/220,933
PRIOR FILING DATE: 2000-07-16
PRIOR PELICATION NUMBER: 60/220,933
PRIOR PELICATION NUMBER: 60/220,963
PRIOR PELICATION NUMBER: 60/220,964
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APPLICATION NUMBER: 60/225,268
FILING DATE: 2000-08-14
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FILING DATE: 2000-10-20
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FILING DATE: 2000-11-01
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60/227,182

2000-08-14 2000-08-22

2000-08-14

60/225,214

2000-06-30

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APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Gao, Yongwei
APPLICANT: Mu, Wei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov, Andrey A.
APPLICANT: Boukharov, Andrey A.
APPLICANT: Li, Ping
APPLICANTON WINGER: NG Lose Thereof for Plant Improvement
FILE REFERENCE: 38-21(5321)B
CURRENT APPLICATION WUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
WUMBER OF SEQ ID NOS: 204966
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PC008C2 CURRENT APPLICATION NUMBER: US/10/212,872 CURRENT FILING DATE: 2002-08-07 CURRENT FILING DATE: 2002-08-07 NUMBER OF SEQ ID NOS: 1198 SOFTWARE: Patentin Ver. 2.0
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US-10-437-963-161908
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100.0%; Bred. No. ...
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Gao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
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Best Local Similarity 10v.v.
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ORGANISM: Oryza sativa
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Best Local Similarity
Matches 5; Conserv
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  PRIOR FILING DATE: 2000-11-17
PRIOR PRICING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249, 212
PRIOR APPLICATION NUMBER: 60/249, 207
PRIOR PILING DATE: 2000-11-17
PRIOR PILING DATE: 2000-11-17
PRIOR PELLING DATE: 2000-09-14
PRIOR PELLING DATE: 
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Best Local Similarity
Matches 5; Conserv
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APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILLE DE INVENTION: GENERAL BYPRESSION ANALYSIS BY MICROARRAY
FILLE REFERENCE: Acomica-X-1 .. 0 Gaps CURRENT APPLICATION NUMBER: US/09/864,761 CURRENT FILING DATE: 2011-05-23 PRIOR APPLICATION NUMBER: US 60/180,312 RESULT 40 2.09-864-761-38656 ; Sequence 38656, Application US/09864761 ; Patent No. US20020048763A1 GENERAL INFORMATION:

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Gaps 0;

Indels

Sequence 502, Application US/10212872 Publication No. US20030215893A1 GENERAL INFORMATION: APPLICANT: Rosen et al.

US-10-212-872-502

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APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE SETERENCE: 38-21(5321)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 202542
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TITLE OF INVENTION: Cloning of Cytochrome P450 Genes from
TITLE OF INVENTION: Nicotiana
FILE REFERENCE: 78623
                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Clone ID: PAT_MRT4530_97812C.1.pep
US-10-437-963-202542
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Pred. No. 3.2e+02;
0; Mismatches 0;
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CURRENT FILING DATE: 2003-03-12
PRIOR PELICATION NUMBER: U0/293,252
PRIOR FILING DATE: 2003-11-13
PRIOR PILING DATE: 2003-01-10
PRIOR PILING DATE: 2003-01-10
PRIOR PILING DATE: 2003-01-12
PRIOR PELICATION NUMBER: 60/363,684
PRIOR FILING DATE: 2002-03-12
PRIOR PELICATION NUMBER: 60/347,444
PRIOR PELICATION NUMBER: 60/347,444
PRIOR PELICATION NUMBER: 60/347,684
PRIOR PELING DATE: 2002-01-11
PRIOR PELING DATE: 2001-11-13
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; Sequence 204604, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION;
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
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SOFTWARE: FastSEQ for Windows Version 3.0
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; Sequence 94, Application US/10387346B
; Publication No. US20040117869A1
; GENERAL INFORMATION:
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100.0%; Pre
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     Barbazuk, Brad
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ORGANISM: Oryza sativa
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Best Local Similarity
Thes 5; Conserve
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Best Local Similarity
Matches 5; Conserv
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SOFTWARE: Fast
SEQ ID NO 94
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EXPRESSED IN LUNG, SIGNAL = 1.5
EXPRESSED IN FUNG, SIGNAL = 1.2
EXPRESSED IN RETAL LIVER, SIGNAL = 1.2
EXPRESSED IN BONE MARROW, SIGNAL = 1.3
EXPRESSED IN ADULT LIVER, SIGNAL = 1.2
EXPRESSED IN HEART, SIGNAL = 1.2
EXPRESSED IN HEART, SIGNAL = 1.2
EXPRESSED IN HEART, SIGNAL = 1.4
EXT.HUMAN HIT: BF241410.1, EVALUE 6.00e-01
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           PRIOR FILLING DATE: 2000-05-06

PRIOR FILLING DATE: 2000-05-06

PRIOR PELING DATE: 2000-05-03

PRIOR PELING DATE: 2000-08-03

PRIOR FILLING DATE: 2000-08-03

PRIOR FILLING DATE: 2000-09-03

PRIOR PELING DATE: 2000-09-03

PRIOR PELING DATE: 2000-09-27

PRIOR PELING DATE: 2000-09-27

PRIOR FILLING DATE: 2001-01-03

PRIOR PELING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/USO1/00669

PRIOR PELING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/USO1/00669

PRIOR APPLICATION NUMBER: PCT/USO1/00669

PRIOR APPLICATION NUMBER: PCT/USO1/00669

PRIOR APPLICATION NUMBER: PCT/USO1/00669

PRIOR APPLICATION NUMBER: PCT/USO1/00661

PRIOR PELING DATE: 2001-01-30

PRIOR PEL
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100.0%; Pred. No. 3.2
ive 0; Mismatches
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Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MAP TO AC006024.1
FILING DATE: 2000-02-04
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 5; Conserv
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US-10-437-963-202542
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us-10-066-965a-4.oligo.rapb

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APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (33223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: La Rosa Thomas J
APPLICANT: Experiment Solution and APPLICANT: About the APPLICANT: About the APPLICANT: About Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53233)
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 275966
LENGTH: 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              25.0%; Score 5; DB 15; Length 51; 100.0%; Pred. No. 3.5e+02; tive 0; Mismatches 0; Indels
                                                                                                 Length 51;
                                                                                                                                       0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Clone ID: PAT_MRT3847_91217C.1.pep
US-10-424-599-275966
                           ; OTHER INFORMATION: Clone ID: PAT_MRT3847_8332C.1.pep
US-10-424-599-267231
                                                                                             25.0%; Score 5; DB 15; Ld 100.0%; Pred. No. 3.5e+02; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                 Sequence 275966, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION:
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Sequence 284525, Application US/10424599

Publication No. US20040031072A1

GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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  ORGANISM: Glycine max
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                      FEATURE:
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APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
APPLICANT: Li, Ping
TITLE CANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21/5321/B
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 204604
LENGTH: 50
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TITLE OF INVENTION: Cloning of Cytochrome P450 Genes from Tobacco FILE REFERENCE: 79601
CURRENT APPLICATION NUMBER: US/10/686,947
CURRENT FILING DATE: 2003-10-16
PRIOR APPLICATION NUMBER: US 10/387346
PRIOR FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 298
SOFTWARE: Patentin version 3.2
SEQ ID NO 94
LENGTH: 50
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US-10-437-963-204604
                                                                                                                                                                                                                                                                                                                                          Score 5; DB 16; Let Pred. No. 3.4e+02; 0; Mismatches 0;
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100.0%; Pred
0; N
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Publication No. US20040162420A1
GENERAL INFORMATION:
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Best Local Similarity 100...
5; Conservative
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Matches 5; Conservative
                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Oryza sativa
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Sequence 1994, Application US/09867550

Sequence 1994, Application US/09867550

Batent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Conley, Pamela

APPLICANT: Topper, James

TITLE OF INVENTION: Thereby

TITLE OF INVENTION: Thereby

TITLE OF INVENTION: Thereby

CURRENT FILING DATE: 2001-09-20

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: USSN 60/208,427

PRIOR RILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 2125

NUMBER OF SEQ ID NOS: 2125

SOFTWARE PRICES OF Windows Version 4.0

SEQ ID NO 1954
                                          Sequence 262031, Application US/10424599;
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: SOy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
SEQ ID NO 262093
LENGTH: 56
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US-10-424-599-262093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25.0%; Score 5; DB 15; Le 100.0%; Pred. No. 3.7e+02; tive 0; Mismatches 0;
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; Sequence 240745, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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US-09-867-550-1954
                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
'-heq 5; Conserv?
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Best Local Similarity
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                               US-10-424-599-262093
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                                                                                                                                         Sequence 177624, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: APPLICANT: Chou Yihua
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICANTON NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 177624
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APPLICANT: AKATSUKA, Hiroyuki
APPLICANT: AKATSUKA, Hiroyuki
APPLICANT: AKATSUKA, Hiroyuki
APPLICANT: AKATSUKA, Hiroyuki
APPLICANT: OKORI, Kenji
APPLICANT: WANAKA, No. US20030044825Aliyuki
APPLICANT: SAKUKAI, No. WE20030044825Aliyuki
APPLICANT: SAKUKAI, No. WE20030044825Aliyuki
APPLICANT: SAKUKAI, No. WE20030044825Aliyuki
APPLICANTON: BOOM METADON METADON NOWBER: US/10/152,031
PRIOR FILING DATE: 2002-05-22
PRIOR FILING DATE: 2001-05-22
PRIOR FILING DATE: 2000-05-23
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PATENTIN VETSION 3.1
SEQ ID NO 13
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US-10-424-599-177624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 49
US-10-152-031-13
; Sequence 13, Application US/10152031
; Publication No. US20030044825A1
; GENERAL INFORMATION:
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Best Local Similarity 100.
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Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16 ETKFL 20
  LRCVC 12
                                        34 LRCVC 38
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APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David R.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GITTLE OF INVENTION: EXPRESSION ANALYSIS TWO
TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
FILE REPERBENCE: ADOMICA-X-2
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE Annomax Sequence Listing Engine vers: 1.1
SEQ ID NO 3143
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APPLICANT: Expose Thomas J
APPLICANT: Abou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 239535
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Clone ID: PAT_MRT3847_58325C.1.pep
                                                                                                                                                                                                                                                                                                                                                                                                        25.0%; Score 5; DB 15; Le 100.0%; Pred. No. 4e+02; tive 0; Mismatches 0;
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                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 1156161
LENGTH: 61
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Glycine max
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ORGANISM: Glycine max
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US-10-424-599-239535
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US-10-029-386-32143
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APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (23223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION NUMBER: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NOS: 285684
SEQ ID NO 240745
TVDF
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APPLICANT: La Rosa Thomas J
APPLICANT: Show Yihus
APPLICANT: Zhou Yihus
APPLICANT: Can Vongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53223)
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 205956
LENGTH: 60
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APPLICANT: La Rosa Thomas J
APPLICANT: Xovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: (1)..(58)
OTHER INFORMATION: unsure at all Xaa locations
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100.0%; Pred. No. ...
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Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Glycine max FEATURE:
NAME/KEY: unsure
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8 LRCVC 12
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Sequence 1576, Application US/09867550
Fatent No. US2002082206A1
FAPLICANT: Mehraban, Fuad,
APPLICANT: Conley, Pamela
FAPLICANT: Topper, James
TITLE OF INVENTION: Wo. US2002082206A1e1 Polynucleotides from Atherogenic Cells and
TITLE OF INVENTION: Thereby
TITLE OF INVENTION: Thereby
TITLE OF INVENTION: Thereby
FILE REPERROCE: 21402-013 (Cura-313)
CURRENT FILING DATE: 2001-09-20
FRIOR APPLICATION NUMBER: USSN 60/208,427
FRIOR APPLICATION NUMBER: USSN 60/208,427
FRIOR RELING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: FREASEQ for Windows Version 4.0
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| Publication No. US20040031072A1
| GENERAL INFORMATION |
| APPLICANT: La Rosa Thomas J
| APPLICANT: La Rosa Thomas J
| APPLICANT: La Rosa Thomas J
| APPLICANT: Cao Yongwei |
| TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement |
| TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement |
| TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement |
| TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement |
| TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement |
| TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement |
| TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement |
| TITLE REPERENCE: 38-21 (5323.) B |
| CURRENT FILING DATE: 2003-04-28 |
| NUMBER OF SEQ ID NOS: 285684 |
| SEQ ID NO 154428 |
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                                                                                                         25.0%; Score 5; DB 15; Length 100.0%; Pred. No. 4.2e+02; tive 0; Mismatches 0; Inde
                                    OTHER INFORMATION: Clone ID: PAT_MRT3847_32506C.1.pep
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US-10-424-599-154428
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100.0%; Pred. No. 4.3
:ive 0; Mismatches
                                                                                Query Match
Best Local Similarity 10v..
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Best Local Similarity 100.
Matches 5; Conservative
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Matches 5; Conservative
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ORGANISM: Glycine max
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US-10-424-599-210941
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US-09-867-550-1576
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            FEATURE:
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Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: APPLICANT: AND YIMUA
APPLICANT: APPLICANT: Can Vongwei
TITLE OF INVENTION: Blants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 282344
LENGTH: 64
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APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thua
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
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; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 4.5
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN PLACEWIA, SIGNAL = 2.1
; OTHER INFORMATION: SMISSPROT HIT: O43451, EVALUE 2.00e-03
US-10-029-386-32143
                                                                                                                                                                                                                                   Length 63;
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US-10-424-599-282344
                                                                                                                                                                                                                           25.0%; Score 5; DB 14; Le 100.0%; Pred. No. 4.1e+02; vative 0; Mismatches 0;
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OTHER INFORMATION: unsure at all Xaa locations
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Best Local Similarity 100...
5; Conservative
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Best Local Similarity 100.
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                                                                                                                                                                                                                                                                                                                                                                            15 PRGAP 19
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                                                                                                                                                                                                                                                                                                                             1 PRGAP 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-424-599-282344
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LENGTH: 66
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APPLICANT: Salceda, Susana
APPLICANT: Salceda, Susana
APPLICANT: Macina, Roberto
APPLICANT: Recipon, Herve
APPLICANT: Recipon, Herve
APPLICANT: Cafferkey, Robert
APPLICANT: Ali, Shujath
APPLICANT: Liu, Yongming
APPLICANT: Liu, Chenghua
TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes and I
FILE REFERENCE: DEX-0281
CURRENT APPLICATION NUMBER: US/10/001,879
CURRENT APPLICATION NUMBER: 60/252,188
PRIOR APPLICATION NUMBER: 60/252,188
PRIOR PADICATION NOS: 201
NUMBER OF SEQ ID NOS: 201
SOFTWARE: Patentin version 3.1
SEQ ID NO 175
LENGTH: 72
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APPLICANT: Kovalic David K
APPLICANT: Kovalic David K
APPLICANT: Show Yihua
APPLICANT: Can Vongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 221140
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; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.1

; OTHER INFORMATION: EST HUMAN HIT: BE314635.1, EVALUE 5.00e-09

; OTHER INFORMATION: EST_HUMAN HIT: AU139120.1, EVALUE 1.00e-15

US-09-864-761-34034
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. 4.5e+02;
ches 0; Indels
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100.0%; Pred. No. .
.. 0; Mismatches
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Best Local Similarity 100.0%; Pred. No. 4.E
Matches 5; Conservative 0; Mismatches
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Publication No. US20020127237A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       16 PRGAP 20
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US-09-864-761-34034

Sequence 34034, Application US/09864761

Sequence 34034, Application US/09864761

Sequence 34034, Application US/09864761

Sequence 34034, Application US/09864761

GENERAL INFORMATION:

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

TITLE OF TATLE 
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N: EXPRESSED IN LUNG, SIGNAL = 3.1

N: EXPRESSED IN ADULT LIVER, SIGNAL = 1

N: EXPRESSED IN BONE MARROW, SIGNAL = 2.1

N: EXPRESSED IN HBL100, SIGNAL = 1.8

N: EXPRESSED IN FETAL LIVER, SIGNAL = 1.5

N: EXPRESSED IN HELA, SIGNAL = 1.5

N: EXPRESSED IN BRAIN, SIGNAL = 1.1

N: EXPRESSED IN BRAIN, SIGNAL = 1.1

N: EXPRESSED IN BRAIN, SIGNAL = 0.87
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PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-30
PRIOR PILING DATE: 2001-01-29
PRIOR PILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SEQ ID NO 34034
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PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-08-30
PRIOR PELING DATE: 2000-08-30
PRIOR PLING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PELING DATE: 2000-09-27
PRIOR PELING DATE: 2000-09-27
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2010-01-30
PRIOR PELING DATE: 2010-01-30
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PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
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OTHER INFORMATION: MAP TO AB023057.1
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INFORMATION: INF
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                                                            LETKF 19
                                                                                                                                           LETKF 56
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APPLICANT: COGGINS, POILL A.

APPLICANT: COGGINS, PAILLE
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING SECONDARY TISSUE DAMAGE AND TITLE OF INVENTION: OTHER INFLAMMATORY CONDITIONS AND DISORDERS
TITLE OF INVENTION: OTHER INFLAMMATORY CONDITIONS AND DISORDERS
THE REFERENCE: 25020-601D
CURRENT APPLICATION NUMBER: US/09/792,793A
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ 1D NOS: 93
SEQ ID NO 90
LENGTH: 78
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TILLE OF INVENTION: Identification and Use of Cytochrome
TILLE OF INVENTION: Identification and Use of Cytochrome
TILLE OF INVENTION: P450 Nucleic Acid Sequences form Tobacco
FILE REFERENCE: 78406
CURRENT APPLICATION NUMBER: US/10/340,861B
CURRENT APPLICATION NUMBER: 10/293,252
PRIOR FILING DATE: 2003-011-13
PRIOR FILING DATE: 2002-011-13
PRIOR PILING DATE: 2002-012
PRIOR PELING DATE: 2002-01-13
PRIOR PELING DATE: 2002-01-13
PRIOR PELING DATE: 2002-01-11
PRIOR FILING DATE: 2002-01-11
SHORD REPLICATION NUMBER: 60/347,444
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 184
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                                                                                                                                          US-10-340-861B-102
; Sequence 102, Application US/10340861B
; Publication No. US20040111759A1
; GRNERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 90, Application US/09792793A; Patent No. US20220168370A1; GENERAL INFORMATION: APPLICANT: MCDOnald, John R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PUBLICATION INFORMATION:
AUTHORS: Clark-Lewis et. al.,
JOURNAL: J. Leukoc. Biol.
VOLUME: 57
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Best Local Similarity 100...
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Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Nicotiana
           MLETK 18
                                            31 MLETK 35
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; DATE: 1995
US-09-792-793A-90
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LENGTH: 76
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APPLICANT: La Rosa, Thomas J.
APPLICANT: Rovalic, David K.
APPLICANT: Rovalic, David K.
APPLICANT: Mon, Yihua
APPLICANT: Rovalic, David K.
APPLICANT: Wu, Wei
APPLICANT: Wu, Wei
APPLICANT: Buckharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(5321)B
CURRENT APPLICANTON: E1 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 102863
LENGTH: 74
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                              Gaps
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TITLE OF INVENTION: Identification and Use of Cytochrome
TITLE OF INVENTION: P450 Nucleic Acid Sequences from Tobacco
FILE REFERENCE: 78127
CURRENT FILING DATE: 2002-11-13
FRIOR APPLICATION NUMBER: 60/343,684
PRIOR FILING DATE: 2002-03-12
PRIOR FILING DATE: 2002-03-12
PRIOR FILING DATE: 2002-01-11
PRIOR FILING DATE: 2002-01-11
PRIOR FILING DATE: 2001-01-13
NUMBER OF SEQ ID NOS: 152
SOFTWARE: FastesEQ for Windows Version 3.0
SEQ ID NO 102
LENGTH: 76
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                         Indels
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US-10-437-963-102863
  Pred. No. 4.5e+02;
                         0; Mismatches
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Sequence 102, Application US/10293252C

Publication No. US20040103449A1

GENERAL INFORMATION:
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Best Local Similarity 100.
                         5; Conservative
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ORGANISM: Oryza sativa
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Best Local Similarity
Matches 5; Conserv
  Best Local Similarity
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APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFREENCE: 38-21(53221) B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 167155
LENGTH: 78
                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
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US-10-437-963-135152
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US-10-437-963-167155
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100.0%; Pred. No. 4.8e+02;
:ive 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 5; Conservative 0; Mismatches 0;
                                                                                                    Sequence 135152, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 167155, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
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APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                                                                                                                                                                                                         Boukharov, Andrey A.
Barbazuk, Brad
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Best Local Similarity 10v...
5; Conservative
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ORGANISM: Oryza sativa
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ORGANISM: Oryza sativa
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11 LRCVC 15
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                                                               RESULT 70
US-10-437-963-135152
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LENGTH: 78
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APPLICANT:
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Publication No. US20030215421A1
GENERAL INFORMATION:
APPLICANT: McDonald, John R.
APPLICANT: Coggins, Philip
TITLE OF INVENTION: OTHER INFLAMMATORY CONDITIONS FOR TREATING SECONDARY TISSUE DAMAGE AND TITLE OF INVENTION: OTHER INFLAMMATORY CONDITIONS AND DISORDERS
FILE REPERENCE: 25020-601E
CURRENT APPLICATION UNMERR: US/10/375,209A
CURRENT FILING DATE: 2003-02-24
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PATENTING DATE: 2.00
SEQ ID NO 90
SEQ ID NO 90
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APPLICANT: Shimkets, Richard A.
TITLE OF INVENTION: No. US2004009474Alel Human Polynucleotides and Polypeptides Encor FITLE OF INVENTION: No. US20044009474Alel Human Polynucleotides and Polypeptides Encor FITLE REFERENCE: 21402-012
CURRENT APPLICATION NUMBER: US/09/864,408A
PRIOR FILING DATE: 2001-05-24
PRIOR PILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 9068
SOFTWARE FastSEQ for Windows Version 4.0
SEQ ID NO S972
LENGTH: 78
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                                                                                                                                                   Sequence 5972, Application US/09864408A Publication No. US20040009474A1 GENERAL INFORMATION:
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Best Local Similarity 100.0
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Best Local Similarity 100.
Matches 5, Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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LRCVC 12
                                          11 LRCVC 15
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PAGES: 703-711
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APPLICANT: LA ROSA, Thomas J.
APPLICANT: LA ROSA, Thomas J.
APPLICANT: Experiment of the control of the control
                                                                                      APPLICANT: ELIGANATION: COMPOSITIONS AND METHODS FOR DIAGNOSING TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING TITLE OF INVENTION: CALL DEATH CONDITIONS, DISORDERS, OR DISEASES INVOLVING TITLE OF INVENTION: CELL DEATH CONDITIONS, DISORDERS, OR DISEASES INVOLVING TITLE OF INVENTION: 10001-005-99 CURRENT APPLICATION NUMBER: US/09/922,261 CURRENT FILING DATE: 2001-08-03 PRIOR PILING DATE: 199-12-14 NUMBER: OF SEQ ID NOS: 466 SOFTWARE PRACES FILING DATE: 109-12-14
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US-10-437-963-105389
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100.0%; Pred. No. ...
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Thomas, Mary Beth
Portbury, Stuart D.
Puranam, Kasturi
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Matches 5; Conservative
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Best Local Similarity
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TYPE: PRT
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                                                                                                                                                                                    APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPRESENCE: 38-21(53223)8
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
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Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: AROUND Thins
APPLICANT: APPLICANT: Cao Vongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
FILE REFRENCE: 38-21(53223)
FILE REFRENCE: 2003-04-28
CURRENT PILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; CTHER INFORMATION: Clone ID: PAT_MRT3847_101228C.1.pep
US-10-424-599-144203
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US-10-424-599-149863
                                                                                          Sequence 144203, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
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Patent No. US20020111471A1
GENERAL INFORMATION:
APPLICANT: COGENT NEUROSCIENCE, Inc.
APPLICANT: Lo, Donald C.
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Matches 5; Conservative
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US-08-816-607-3

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US-08-311-3038-11
US-07-778-413E-3
US-07-778-413E-4
US-08-340-102-3
US-09-248-796A-24632
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-09-461-697-464
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4165, Ap 28343, Ap 27518, App 27518, Ap 6699, Ap 39555, Ap 1482, Ap 1482, Ap 44940, Ap 44940, Ap 255496, A 255496, A

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US-07-972-032-15
US-07-972-032-15
; Sequence 15, Application US/07972032
; Patent No. 5496712
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
APPLICANT: Ferrant, Franco A.
; TITLE OF INVENTION: HIGH MOLECULAR WEIGHT COLLAGEN-LIKE
; TITLE OF INVENTION: PROTEIN POLYMERS
                                                                                                                                                                                                                                                                   0; Indels
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REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: A-55556-1/BIR;PROP-08-1
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APPLICATION NUMBER: US/07/972,032
FILING DATE: 19921105
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/791,960
FILING DATE: 12-NOV-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                       30.0%; Score 6; DB 4, 100.0%; Pred. No. 33; ative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bertram I. Rowland
STREET: 4 Embarcadero Center, Suite 3400
                         60/096,409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: CA 9411
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 781-1989
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60,
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
LENGTH: 394
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INFORMATION FOR SEQ ID NO: 15:
                                                                                                                                    TYPE: PRT ORGANISM: Candida albicans
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APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.132

CURRENT APPLICATION NUMBER: US/09/248,796A

PRIOR APPLICATION NUMBER: US 60/074,725
                                                                                                                                    US-09-489-039A-8944
; Sequence 8944, Application US/09489039A
; Sequence 8044, Application US/09489039A
; Setent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: GARY Breton et. al
; TITLE OF INVENTION: PUEDMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
; TITLE OF INVENTION: PREMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
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Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT PAPLICATION NOWS: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                   ALIGNMENTS
                                                                                                                                                                                                                                                                                        FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 9944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 23067, Application US/09248796A Patent No. 6747137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , ORGANISM: Drosophila melanogaster
US-09-270-767-41955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6; Conservative
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
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US-09-248-796A-23067
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US-09-270-767-41955
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LENGTH: 173
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Strieter, Robert M.
Polverini, Peter J.
Kunkel, Steven L.
TITLE OF INVENTION: CXC Chemokines as Regulators of
   PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORING DATE: 08/468,819
FILING DATE: cUnknown>
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
RECISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
                                                                                                                                                                                                                                                                                                                                                                                                                 DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Prec. ... o; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ATROIG White & Durkee
STREET: P.O. BOX 4433
                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUICATION INFORMATION:
TELEPHONE: 512/418-1000
TELEPRAX: 512/414-1477
                                                                                                                                                                                                                                                                                                                                                                                                                 25.0%; Score 5; I
100.0%; Pred. No.
               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,819
FILING DATE: Concurrently herewith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Angiogenesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 512/418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 20, Application US/09213383
Patent No. 6491906
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                 LENGTH: 15 amino acids
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                                                                                                                                                                                                                       TELEX: N/A
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      5; Conservative
                                                                                                                                                                                                                                                                                                                        single
                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide
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                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                  amino acid
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                                                        FILING DATE: CO
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                                                                                                                                                                                                                                                                                                      TYPE: amino a STRANDEDNESS:
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               25.0%; Score 5; DB 1; Length 9; 100.0%; Pred. No. 3.8e+05; ive 0; Mismatches 0; Indels
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Patent No. 5871723
Patent No. 5871723
GENERAL INFORMATION:
APPLICANT: Strieter, Robert M.
APPLICANT: Polverini, Peter J.
APPLICANT: Kunkel, Steven L.
TITLE OF INVENTION: CXC Chemokines as Regulators of TITLE OF INVENTION: Anglogenesis
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/642,255
                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: ROWLAND, Bertram I.
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: 455556-3/BIR
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: Arnold, White & Durkee P.O. Box 4433
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MEDIUM TYPE: Floppy disk
CMBUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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MEDIUM TYPE: Floppy disk
CMBUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEFAX: (415) 494-8771
TELEX: 910 277299 FHT UR
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5; Conservative
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Matches 5; Conserv
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ZIP: 77210
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US-08-642-255-15
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                                                      Sequence 3, Application US/07778413E
Fatent No. 5401651
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: No. 5401651el Neutrophil
TITLE OF INVENTION: Activating Factors
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amen Center
STREET: Amen Center
GTREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 in., DS, 2.0 MB
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh OS 7.0
SOFTWARE: Microsoft Word Version 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/778,413E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Cook, Robert R.
REGISTRATION NUMBER: 31602
REETERNEY/DOCKET NUMBER: A-204
TELECOMMUNICATION INFORMATION:
TELEPHONE: (805) 499-5725 EXTENSION 4955
TELEPHONE: (805) 499-8011
INPORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/08340102
Patent No. 5591718
GENERAL INFORMATION:
TITLE OF INVENTION: No. 5591718el Neutrophil
TITLE OF INVENTION: Activating Factors
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 1.4 MB
COMPUTER: MS-DOS
OPERATING SYSTEM: MS-DOS 6.22
SOFTWARE: Microsoft Word Version 5.1a for SOFTWARE: Macintosh
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          25.0%; Score 5; DB 1
100.0%; Pred. No. 34;
tive 0; Mismatches
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CLASSIFICATION
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STREET: Amgen Center
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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ZIP: 91320-1789
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                                     US-07-778-413E-3
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US-08-340-102-3
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OTHER INFORMATION: be substituted with aminobutyric acid, homocysteine, or
OTHER INFORMATION: diaminosuberic acid."
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Sequence 11, Application US/08311307B
Sequence 11, A
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                                                                                                                                                                                                                                              Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,307B
FILING DATE: 23-SEP-1994
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25.0%; Score 5; DB 1; ilarity 100.0%; Pred. No. 32; Conservative 0; Mismatches
                                                                                                                                                                                                                                          DB 4;
                                                                                                                                                                                                                                      25.0%; Score 5; DB 4;
100.0%; Pred. No. 31;
tive 0; Mismatches
                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTICATION NOMERS: 05/00/311/30/00/311/30/00/311/30/00/311/30/00/311/30/00/311/30/00/311/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/31/30/00/30/00/3
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not relevant
STRANDEDNESS: single
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ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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Best Local Similarity 100...
Thes 5; Conservative
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TYPE: amino acid
STRANDEDNESS: nol
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US-09-213-383-20
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Gaps

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COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 1.4 MB
COMPUTER: MS-DOS
OPERATING SYSTEM:
SOFTWARE: Microsoft Word Version 5.1a for
SOFTWARE: Macintosh
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/340,102
FILING DATE: 15-NOV-1994
CLASSIFICATION: 514
                                                                                    Sequence 4, Application US/08340102
Patent No. 5591718
GENERAL INFORMATION:
APPLICANT: Walz, Alfred
TITLE OF INVENTION: No. 5591718el Neutrophil
TITLE OF INVENTION: Activating Factors
NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Cook, Robert R.
REGISTRATION NUMBER: 31602
REFERENCE/DOCKET NUMBER: A-204A
TELECOMMUNICATION INFORMATION:
TELEPHONE (805) 499-8011
INFORMATION FOR SEQ ID NO: 4;
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STREET: 1840 Dehavilland Drive
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                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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ZIP: 91320-1789
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US-08-436-420-17
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ZIP: 91320-1789

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 2.0 MB
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh OS 7.0
SOFTWARE: Microsoft Word Version 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/778,413E
FILING DATE: 16-OCT-1991
CLASSIETCATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: COOK, Robert R.
REGISTRATION NUMBER: 3.1602
REFERENCE/DOCKET NUMBER: 3.1602
REFERENCE/DOCKET NUMBER: 4.204
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SEQ 1D NO: 4:
SEQUENCE CHARACTERISTICS:
APPLICATION NUMBER: US/08/340,102
FILING DATE: 15-NOV-1994
CLASSIFICATION: 514
ATTOCNEY/AGENT INFORMATION:
NAME: Cook, Robert R.
REGISTRATION NUMBER: 31602
REGISTRATION NUMBER: A-204A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (805) 499-5725 EXTENSION 4955
TELEPHONE: (805) 499-8011
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/07778413E
Patent No. 5401651
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: No. 5401651el Neutrophil
TITLE OF INVENTION: Activating Factors
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              25.0%; Score 5; DB 1;
100.0%; Pred. No. 59;
iive 0; Mismatches
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100.0%; Pred. No. 34;
tive 0; Mismatches
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STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
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Best Local Similarity 100...
Free 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Amino Acid
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                    TYPE: Amino Acid
TOPOLOGY: Linear
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US-07-778-413E-4
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Gaps
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Patent No. 5840524

GENERAL INFORMATION:
APPLICANT: VAN DAMME, Jo; and
APPLICANT: PROCST, Paul
TITLE OF INVENTION: GRANULOCYTE CHEMOTACTIC PROTEIN
NUMBER OF SEQUENCES: 45

CORRESPONDENCES: 45

STREET: 1455 PENNSYLVANIA AVENUE, N.W.
CITY: WASHINGTON
STATE: DISTRICT OF COLUMBIA

COUNTRY: USA
25.0%; Score 5; DB 1; Length 34; 100.0%; Pred. No. 59;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPBEATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
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GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INFORMATION:

TITLE OF INFORMATION:

TITLE OF INFORMATION:

FILE REFERENCE: GTC-007

CURRENT APPLICATION NUMBER: US /09/134,001C

CURRENT PILING DATE: 1998-08-13

PRIOR FILING DATE: 1997-11-08

PRIOR FILING DATE: 1997-08-14

PRIOR FILING DATE: 1997-08-14

NUMBER OF SEQ ID NOS: 5674
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Patent No. 6380370

GENERAL INFORMATION:
APPLICAMY: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: BPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT PILING DATE: 1998-08-13
PRIOR PELICATION NUMBER: US 60/064,964
PRIOR PELICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-08-14
NUMBER: OF SEQ ID NOS: 5674
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Patent No. 5840524
GENERAL INFORMATION:
APPLICANT: VAN DAMME, Jo; and
APPLICANT: PROOST, Paul
TITLE OF INVENTIONES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: HALE and DORR LLP
STREET: 1455 PENNSYLVARIA AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.1e+02;
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100.0%; Pred. No. 1.1
:ive 0; Mismatches
                        Sequence 3074, Application US/09134001C Patent No. 6380370
                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Staphylococcus epidermidis US-09-134-001C-3074
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Best Local Similarity 100..v
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US-09-134-001C-4851
    US-09-134-001C-3074
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US-08-436-420-15
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LENGTH: 74
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LENGTH: 74
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APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERENCE: 107196.132

CURRENT APPLICATION NUMBER: US /09/248,796A

CURRENT FILING DATE: 1999-02-13

PRIOR APPLICATION NUMBER: US 60/074,725

PRIOR APPLICATION NUMBER: US 60/096,409

PRIOR PILING DATE: 1999-08-13

PRIOR FILING DATE: 1999-08-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: 44..46
OTHER INFORMATION: /note= "Xaa was ambiguous at time
OTHER INFORMATION: of determination; later identified as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25.0%; Score 5; DB 2;
100.0%; Pred. No. 76;
iive 0; Mismatches
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ilarity 100.0%; Pred. No. 97;
Conservative 0; Mismatches
                   APPLICATION NUMBER: US/08/436,420
LLASSIFICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03330
FILING DATE: 26-NOV-1993
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, Hollie L.
REGISTRATION NUMBER: 31,321
REFERENCE/DOCKET NUMBER: 31,321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 24632, Application US/09248796A Patent No. 6747137
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,420
FILLING DATE: 24-MAX-1995
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (202) 942-8400
TELEFAX: (202) 942-8484
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.00
Thes 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Modified-site LOCATION: 44..46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Candida albicans
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; ORGANISM: Candida
US-09-248-796A-24632
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-436-420-17
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GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nuclei acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nuclei 226-094
CURRENT FILING DATE: 199-03-17
CURRENT FILING DATE: 199-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZUPER TO 1989

ZIPE 91320-1789

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 2.0 MB
COMPUTER: Apple Macintosh
OPPERATING SYSTEM: Macintosh OS 7.0
SOFTWARE: Microsoft Word Version 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/778,413E
FILLING DATE: 16-0CT-1991
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 12, Application US/07778413E
Sequence 12, Application US/07778413E
Patent No. 5401651
GENERAL INFORMATION:
TITLE OF INVENTION: No. 5401651el Neutrophil
TITLE OF INVENTION: Activating Factors
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (805) 499-5725 EXTENSION 4955
                                                                                                                                                                                                                                                                                                                                                                                                                                         25.0%; Score 5; DB 4
100.0%; Pred. No. 1.1
vative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                       ; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-52129
                                           ; Sequence 52129, Application US/09270767
; Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Amgen Inc.
STREET: Amgen Center
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
                                                                                                                                                                                                                                                                                                                                 ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  31602
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INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Cook, Robert R.
REGISTRATION NUMBER: 3160
                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.00
--hes 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TOPOLOGY: Linear
US-07-778-413E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           70 PRGAP 74
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                      US-09-270-767-52129
                                                                                                                                                                                                                                                                   SEQ ID NO 52129
LENGTH: 77
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US-07-778-413E-12
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US-09-270-767-36912
Sequence 36912, Application US/09270767
Factor No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburge et al.
TITLE OF INVENTION: Mucleic acids and proteins of Drosophila melanogaster
FILE REFRENCE: File Reference: 7326-094
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 36912
LENGTH: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Eloppy disk
COMPUTER: Eloppy disk
COMPUTER: Detail Brown Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,420
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
FLING DATE: 24-MAY-1995
CLASSIFICATION DATA:
FILING DATE: 26-NOV-1993
CLASSIFICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION: 530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION; Xaa means any amino acid US-09-270-767-36912
                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: BAKER, Hollie L.
REGISTRATION NUMBER: 31,321
REFERNCE/DOCKET NUMBER: 102378.215
TELECOMMUNICATION: 1020942-8400
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/982,539
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Drosophila melanogaster
           DISTRICT OF COLUMBIA
USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (202) 942-8484
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.(
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           75 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 5; Conserv
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                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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Sequence 8, Application US/08482111
| Patent No. 5789539 | GENERAL INFORMATION: GENERAL INFORMATION: APPLICANT: Daly, Thomas J. APPLICANT: Daly, Thomas J. TITLE OF INVENTION: Chemokine-Like Proteins and Methods of TITLE OF INVENTION: Use NUMBER OF SEQUENCES: 70 CORRESPONDENCE ADDRESS: SIGNEY STREET: 225 Franklin Street STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 5; DB 1; Length 78;
Pred. No. 1.2e+02;
0; Mismatches 0; Indels
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/330,163
FILING DATE: 05-MG-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J.Peter
REGISTRATION NUMBER: 22,983
REFERENCE/DOCKET NUMBER: 00231/080001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-8906
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: MA
CONNTRY: U.S.A.
ZID: 02110-2804
COMPUTER: U.S.A.
CONDUTER: ELOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,111
FILING DATE: 07-UN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Fasse, J. Peter
REGISTRATION UNBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/083001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25.0%; SCUL.
100.0%; Pre
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TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
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STREET: ZZZZZWY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
TOPOLOGY: lir
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US-08-482-111-8
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Patent No. 5556724
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Chemokine-Like Proteins and Methods of TITLE OF INVENTION: Use
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25.0%; Score 5; DB 1; Length 78; 100.0%; Pred. No. 1.2e+02; ive 0; Mismatches 0; Indels
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                                                                                                                                US-08-340-102-12

| Sequence 12, Application US/08340102
| Sequence 12, Application US/08340102
| Patent No. 5591718
| GENERAL INFORMATION:
| APPLICANT: Walz, Alfred
| TITLE OF INVENTION: No. 5591718el Neutrophil
| TITLE OF INVENTION: Activating Factors
| NUMBER OF SEQUENCES: 22
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: Amgen Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTY: USA

ZIF: 91320-1789

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 1.4 MB
COMPUTER: MS-DOS
OPERATING SYSTEM: MS-DOS
OPERATING SYSTEM: MS-DOS
SOFTWARE: Microsoft Word Version 5.1a for
SOFTWARE: Microsoft Word Version 5.1a
ATDING DATE: 15-NOV-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: COOK, Robert R.
REGISTRATION WHERE: 31602
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 31602
REFERENCE/DOCKET NUMBER: A-204A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (805) 499-5725 EXTENSION 4955
TELEPAX: (805) 499-8011
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERRISTICS:
LENGTH: 78
                                                                                                                                                                                                                                                                                                                                                      STREET: Amgen Center
STREET: 1840 Dehavilland Drive
CITY: Thousand Caks
STATE: Collfornia
COUNTRY: USA
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Best Local Similarity 100.
Matches 5; Conservative
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ZIP: 02110-2804
COMPUTER READABLE FORM:
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                                                   11 LRCVC 15
           LRCVC 12
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Sequence 24182, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
                     APPLICANT: Lo, Donald C.
APPLICANT: Barney, Shawn
APPLICANT: Barney, Shawn
APPLICANT: Thomas, May
APPLICANT: Thomas, May
APPLICANT: Proranam, Kasturi
APPLICANT: Puranam, Kasturi
APPLICANT: Katz, Lawrence C.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
TITLE OF INVENTION: CELL DEATH
FILE REPERENCE: 10001-005-999
CURRENT APPLICATION NUMBER: US/09/461,697
CURRENT APPLICATION NUMBER: US/09/461,697
MUMBER OF SEQ ID NOS: 466
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT PELLING NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 41916
LENGTH: 85
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100.0%; Pred. No. 1.2
tive 0; Mismatches
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8-09-270-767-41916
: Sequence 41916, Application US/09270767
; Patent No. 6703491
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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US-09-252-991A-24182
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,420
FILING DATE: 24-MAY-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP93/03330
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/982,539
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: US 07/982,539
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, HOllie L.
NAME: BAKER, HOllie L.
REGISTRATION NUMBER: 13.321
REFERENCE/DOCKET NUMBER: 102378.215
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                            0; Indels
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                                               Length 78;
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                                                                                                                                                                                                                                                                                           Sequence 32, Application US/08436420
Patent No. 5840524
GENERAL INFOATION:
APPLICANT: VAN DAMME, Jo; and
APPLICANT: PROCST, Paul
ITILE OF INVENTION: GRANULOCYTE CHEMOTACTIC PROTEIN
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
                                             DB 1; Len
                                        25.0%; Score 5; DB 1
100.0%; Pred. No. 1.2
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 1455 PENNSYLVANIA AVENUE, N.W. CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Patent No. 6277974
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
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                                                                                        5; Conservative
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                                        Query Match
Best Local Similarity
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STRANDEDNESS: si
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Best Local Similarity
Matches 5; Conserv
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US-08-436-420-32
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US-08-482-111-8
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Sequence 27372, Application US/09248796A
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Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REPRENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 53884
LENGTH: 91
                                                                                                                                                                                                                                                                                                                                                       Sequence 38657, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 38667
LENGTH: 91
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ORGANISM: Drosophila melanogaster
                                                                           TYPE: PRT; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24182
                 NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 24182
LENGTH: 91
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Matches 5; Conserv
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Best Local Similarity
Matches 5, Conserv
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 PRIOR FILING DATE:
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US-09-270-767-53884
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US-09-270-767-38667
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RESULT 30 US-09-248-796A-27372

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GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION:

FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERENCE: 107196.132

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1999-02-13

PRIOR APPLICATION NUMBER: US 60/094,725

PRIOR APPLICATION NUMBER: US 60/096,409

PRIOR APPLICATION NUMBER: US 60/096,409
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| Patent No. 6410268
| GENERAL INFORMATION:
| APPLICANT: LI, HAODONG
| APPLICANT: LI, HAODONG
| APPLICANT: LI, HAODONG
| TITLE OF INVENTION: CHEMOKINE ALPHA-3
| NUMBER OF SEQUENCE: 9
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
| STRRET: 1100 NEW YORK AVENUE, SUITE 600
| CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 4; Length 105;
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ches 0; Indels
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100.0%; Pred. No. 1.5
tive 0; Mismatches
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PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 13486
LENGTH: 105
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Patent No. 6610836
GENERAL INFORMATION
APPLICANT: Gary Breton et. al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 25.0
Best Local Similarity 100.
Matches 5; Conservative
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US-08-816-772-9
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Gaps

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GENERAL INFORMATION:

APPLICANT: Guegler, Karl J.

APPLICANT: Gawkins, Phillip R.

APPLICANT: Wilde, Craig G.

APPLICANT: Seilhamer, Jeffrey J.

TITLE OF INVENTION: A NOVEL CHEMOKINE EXPRESSED IN

TITLE OF INVENTION: INFLAMED ADENOID, ITS PRODUCTION AND USES

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESSE: Incyce Pharmaceuticals, Inc.
                                                                                                                                                                   Query Match 25.0%; Score 5; DB 1; Length 114; Best Local Similarity 100.0%; Pred. No. 1.6e+02; Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25.0%; Score 5; DB 2; Length 114; 100.0%; Pred. No. 1.6e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: DOS
OPERATING SYSTEM: DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/862,607
FILING DATE: 23-MAY-1997
CLASSIFCATION NUMBER: 08/352,324
APPLICATION NUMBER: 08/352,324
FILING DATE: 07-DEC-1994
ATTORNEY AGENT INFORMATION:
NAME: LANARE: LANARES: DATE: 07-DEC-1994
REGISTRATION NUMBER: 33,954
REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF-0025 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  RESULT 34
US-08-862-607-3
; Sequence 3, Application US/08862607
; Patent No. 5844084
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 415-855-0555
TELEFAX: 415-852-0195
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 114 amino acids
TYPE: amino acid
       114 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5; Conservative
                           TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                            47 LRCVC 51
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                                                                                                                    US-08-352-324A-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  47
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APPLICANT: Hawkins, Phillip R.
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hawkins, Phillip R.
TITLE OF INVENTION: A NOVEL CHEWOKINE EXPRESSED IN
TITLE OF INVENTION: INFLAMED ADENOID, ITS PRODUCTION AND USES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Forter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          25.0%; Score 5; DB 4; Length 113; 100.0%; Pred. No. 1.6e+02; ive 0; Mismatches 0; Indels
COUNTRY: US
ZIP: 2006-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/816,772
FILING DATE:
CLASSIFICATION HUMBER: 1488.098001
MAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 1488.098001
FELECHMUNICATION NUMBER: 1488.098001
TELEPHONE: (202) 371-260
TELEPHONE: (202) 371-2540
TELEPAX: (202) 371-2540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/352,324A
FILING DATE: 07-DEC-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RANGE: Luther, Barbara J.
REGISTRATION NUMBER: 33,954
REFERNCE/DOCKET NUMBER: PF-0025 US
TELECOMMUNICATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 33
US-08-352-324A-3
'Sequence 3, Application US/08352324A,
Patent No. 5633149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 415-852-0195
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 113 amino acids
TYPE: amino acid
STRANDEDNESS: not releva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 25.0
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8 LRCVC 12
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Sequence 149, Application US/08679493A
Sequence 149, Application US/08679493A
Patent No. 6303295
GENERAL INFORMATION:
TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
FILE REFERENCE: 55-95
CURRENT APPLICATION NUMBER: US/08/679,493A
CURRENT FILING DATE: 1996-07-12
PRIOR APPLICATION NUMBER: 60/001203
PRIOR PELING DATE: 1995-07-14
PRIOR PELING DATE: 1995-09-01
SPRIOR FILING DATE: 1995-09-01
SPRIOR FILING DATE: 1995-09-01
SOFTWARE: PatentIn Ver. 2.0
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No. 1.6e+02;
0; Indels
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Pred. No.
                                                                                                                                                                                                                                                                                PF-0025 US
                                                                        US/09/203,235
                                                                                    FILING DATE:
CLASSTFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/862,607
FILING DATE: 23-MAY-1997
APPLICATION NUMBER: 08/352,324
FILING DATE: 07-DEC-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            25.0%; SCC_
100.0%; Pre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   25.0%; Scc.
100.0%; Pre
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               OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
                                                                                                                                                                                                                                     NAME: LALBER, Barbara J.
REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF-06
TELEPCOMMULCATION INFORMATION:
TELEPHONE: 415-852-055
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 114 amino acids
                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Homo sapiens US-08-679-493A-149
                                                                                                                                                                                                                                                                                                                                                                                                                amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            47 LRCVC 51
                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-679-493A-149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 149
LENGTH: 114
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US-09-213-383-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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GENERAL INCEMENTON:

APPLICANT: Guegler, Karl J.

APPLICANT: Wilde, Craig G.

APPLICANT: Seilhamer, Offirey J.

TITLE OF INVENTION: INFLAMED ADENOID, ITS PRODUCTION AND USES

TORRESPONDENCE ADDRESS:

ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ;
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         Sequence 4, Application US/08468819
Patent No. 5871723
GENERAL INFORMATION:
APPLICANT: Policetr, Robert M.
APPLICANT: Policetin, Peter J.
TITLE OF INVENTION: CXC Chemokines as Regulators of TITLE OF INVENTION: Anglogenesis
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SISIEM: FC-DOS/NG DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,819
FILING DATE: CONCURRENTLY herewith
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REGISTRATION NUMBER: 37,642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7477
                                                                                                                                                                                                    ADDRESSEE: Arnold, White & Durkee STREET: P.O. Box 4433 CITY: Houston STRATE: TX COUNTRY: US
                                                                                                                                                                                                                                                                                                  ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/09203235 Patent No. 6071701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 114 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-468-819-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 114 aminc
TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8 LRCVC 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            47 LRCVC 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-203-235-3
 US-08-468-819-4
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Sequence 3, Application PC/TUS9516144
GENERAL INFORMATION:
APPLICANT: INCYTE PHARMACEUTICALS, INC.
TITLE OF INVENTION: A NOVEL CHEMOKINE EXPRESSED IN INFLAMED
TITLE OF INVENTION: A DENOID, ITS PRODUCTION AND USES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 4; Length 114;
. 1.6e+02;
ches 0; Indels
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FRSESEQ Version 1.5
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/09/588,044
FILING DATE: 05-Jun-2000
CLASSIFICATION: CURKNOWN:
PRIOR APPLICATION NUMBER: 08/352,324
PTIONE DATE: 07-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Luther, Barbara J.
REGISTRATION NUMBER: 33,954
REFERENCE/DOCKET NUMBER: PF-0025 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 25.0%; Score 5; DB 4 Best Local Similarity 100.0%; Pred. No. 1.6 Matches 5; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparatible
COMPUTER: IBM PC comparatible
COMPUTER: IBM PC comparatible
COMPUTER: IBM PC comparatible
COMPUTER: IBM PC-DOS/MS-DOS
SOFTWARE: WordPefect 6.1/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/16144
FILING DATE: 07-DEC-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/352,324
FILING DATE: 07-DEC-1994
ATTORNEY/AGENT INFORMATION:
MAMPE: LUTHER, BARBARA J.
REGISTRATION NUMBER: 33954
REGISTRATION NUMBER: 33954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEEE: INCYTE PHARMACEUTICALS, INC. 13174 Porter Drive Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; SEQUENCE DESCRIPTION: SEQ ID NO: 3: US-09-588-044-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-852-0195
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 114 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47 LRCVC 51
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Patent No. 6622920
GENERAL INFORMATION
GENERAL INFORMATION
GENERAL INFORMATION
Hawkins, Phillip R.
Hawkins, Phillip R.
Wilde, Craig G.
Seilhamer, Jeffrey J.
Seilhamer, Jeffrey J.
IITLE OF INVENTION: INFLAMED ADENOID, ITS PRODUCTION AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ;
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   APPLICANT: Strieter, Robert M.
POLVerini, Peter J.
Kunkel, Steven L.
TITLE OF INVENTION: CXC Chemokines as Regulators of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION: <unimalized to the companion of the compan
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ADDRESSE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEPHONE: 512/414-3477
                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TOPOLOGY: linear; MOLECULE TYPE: peptide; SEQUENCE DESCRIPTION: SEQ ID NO: 4: US-09-213-383-4
                                                                                                                                                Angiogenesis
                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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                                                                                                                                                                             NUMBER OF SEQUENCES: 93
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                                                                                                                                                                                                                                                                                                                                            STATE: TX
COUNTRY: US
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Best Local Similarity
Matches 5; Conserv
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US-09-588-044-3
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Gaps

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GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REPERENCE: File Reference: 7326-094
CURRENT PAPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 50120
LENGTH: 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REPERBNCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARR: Patentin Ver. 2.0
SEQ ID NO 36650
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Patent No. 6703491

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: HOMDUTGER et al.

TITLE OF INVERTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 51867

LENGTH: 127
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100.0%; Pred. No. 1.7
cive 0; Mismatches
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100.0%; Pred. No. 1.7
:ive 0; Mismatches
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US-09-270-767-50120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Xaa means any amino acid
                                      Sequence 50120, Application US/09270767 Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 36650, Application US/09270767 Patent No. 6703491
                                                                                                                                                                                                                                                                                                                            ORGANISM: Drosophila melanogaster
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Best Local Similarity 100...
Si Conservative
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US-09-270-767-36650
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US-09-270-767-51867
                      US-09-270-767-50120
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APPLICANT: Gary Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
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Retent No. 6703491

GENERAL INFORMATION

GENERAL INFORMATION

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REPERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SEPTWARE: Patentin Ver. 2.0

SEQ ID NO 34903

LENGTH: 125
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                                                                                                                            25.0%; Score 5; DB 5; Length 114; 100.0%; Pred. No. 1.6e+02; ive 0; Mismatches 0; Indels
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US-09-270-767-34903
                                                                                                                                                                                                                                                                                                                                                                 Sequence 11951, Application US/09489039A Patent No. 6610836
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Klebsiella pneumoniae
                                                                                                                       Query Match
Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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                                    TOPOLOGY: linear
MOLECULE TYPE: protein
                      single
  TYPE: STRANDEDNESS: SIN
TYPE: amino acid
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Matches 5; Conserv
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US-09-489-039A-11951
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LENGTH: 119
                                                                 ; MOLECULE TY:
PCT-US95-16144-3
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RESOURT 10-101-464A-726

Sequence 726, Application US/10101464A

Sequence 726, Application US/10101464A

Sequence 726, Application US/10101464A

Sequence 726, Application US/10101464A

SETEMENT No. Sevenhouzen, Nicolaas

APPLICANT: Nieuwenhouzen, Nicolaas

APPLICANT: Nieuwenhouzen, Nicolaas

APPLICANT: Nieuwenhouzen, Nicolaas

APPLICANT: Nieuwenhouzen, Nicolaas

TITLE OF INVENTION: Compositions Isolated from Plant Cells

TITLE OF INVENTION: and Their Use in the Modification of Plant Cell Signaling

FILE REFERENCE: 11000.1020c2

CURRENT APPLICATION NUMBER: 09/704,302

PRIOR APPLICATION NUMBER: 09/704,302

PRIOR APPLICATION NUMBER: 60/162,866

PRIOR APPLICATION NUMBER: 60/162,866

PRIOR PILING DATE: 1999-11-01

PRIOR PILING DATE: 1999-11-01

PRIOR PILING DATE: 2000-01-11

NUMBER OF SEQ ID NOS: 989

SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                 APPLICANT: Strachan, Lorna
APPLICANT: Strachan, Lorna
APPLICANT: Steaman, Matthew
APPLICANT: Sleeman, Matthew
APPLICANT: Sleeman, Matthew
APPLICANT: Murison, James G.
TITLE OF INVENTION: Compositions Isolated from Skin Cells
TITLE OF INVENTION: and Methods for Their Use
FILE REFERENCE: 11000.1011c2
CURRENT APPLICATION NUMBER: US/09/312,283C
CURRENT FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 425
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                      US-09-312-283C-425; Sequence 425, Application US/09312283C; Patent No. 6573095
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Best Local Similarity 100.(
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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APPLICANT: Lynn Doucette-Stamm et al.
TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus TITLE OF INVENTION: Parence for Diagnostics and Therapeutics CURRENT APPLICATION NUMBER: US/09/583,110
CURRENT FILING DATE: 1050-05-26
PRIOR APPLICATION NUMBER: US 60/085,131
PRIOR APPLICATION NUMBER: US 60/085,131
PRIOR APPLICATION NUMBER: US 60/085,131
PRIOR PILING DATE: 1998-05-12
PRIOR PILING DATE: 1998-05-12
PRIOR PILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 5322
SEQ ID NO 4139
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APPLICANT: Warc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENT APPLICATION NUMBER: US 60/094,788
PRIOR APPLICATION NUMBER: US 60/094,788
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 30594
LENGTH: 133
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                                                                                                                           25.0%; Score 5; DB 4; Length 127; 100.0%; Pred. No. 1.7e+02; tive 0; Mismatches 0; Indels
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                                                   ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-51867
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ORGANISM: Drosophila melanogaster
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Best Local Similarity 100.0
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5, Conservative
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Best Local Similarity
Matches 5; Conserv
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US-09-252-991A-30594
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Page 16

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CURRENT FILING DATE:
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LENGTH: 158
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Parent No. 6703491

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT FILING DATE: 1999-03-17
SUPMER OF SEQ ID NOS: 62517
SUPMER OF SEQ ID NOS: 62517
SUPMER PARENTIN Ver. 2.0
SEQ ID NO 54985
LENGTH: 1339
                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 39768
LENGTH: 139
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APPLICANT: Dumas Milne Edwards, J.B.

APPLICANT: Duclert, A.

APPLICANT: Glordano, J.Y.

TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

Patent No. 678361

FILE REFERENCE: 59.US2.REG

CURRENT APPLICATION NUMBER: US/09/513,999C
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US-09-270-767-39768
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                                                             RESULT 50
2-09-270-767-39768
; Sequence 39768, Application US/09270767
; Patent No. 6703491
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Matches 5; Conserv
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Best Local Similarity
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  APMWL 80
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US-09-513-999C-6252
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Sequence 18178, Application US/09248796A

Patent No. 6747137

GENERAL INFORMATION:
APPLICAMT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT APPLICATION NUMBER: US 60/074,725
PRIOR PILING DATE: 1998-02-13
PRIOR PELING DATE: 1998-08-13
PRIOR PELING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
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Patent No. 6747137

GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT PELING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 60/074,725

PRIOR APPLICATION NUMBER: US 60/096,409

PRIOR FILING DATE: 1998-02-13

PRIOR FILING DATE: 1998-08-13

NUMBER OF SEQ ID NOS: 28208

SEQ ID NO 23447
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ches 0; Indels
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100.0%; Pred. No. 1.9
tive 0; Mismatches
                PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: PATENT.pm
SEQ ID NO 6252
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; OTHER INFORMATION: Xaa=Ala or Val
US-09-513-999C-6252
2000-02-24
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US-09-248-796A-18178
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Best Local Similarity luv.
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Matches 5; Conservative
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US-09-248-796A-18178
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US-09-248-796A-23447
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Sequence 21850, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION UNMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
                                                                                          GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nuclea acids and proteins of Drosophila melanogaster
FILE OF INVENTION: Nuclea acids and proteins of Drosophila melanogaster
FILE REFERENCE: file Reference: 7326-094
CURRENT FILING DATE: 1999-03-17
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
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APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REPERENCE: File Reference: 7326-094
CURRENT PEPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 51779
LENGTH: 180
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100.0%; Pred. No. 2.3
:ive 0; Mismatches
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; Sequence 51779, Application US/09270767
; Patent No. 6703491
                                              ; Sequence 36562, Application US/09270767; Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Drosophila melanogaster
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ORGANISM: Drosophila melanogaster
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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US-09-252-991A-21850
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                         US-09-270-767-36562
                                                                                                                                                                                                                                                                                              SEQ ID NO 36562
LENGTH: 180
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APPLICANT: MARC J. Rubenfield et al.
APPLICANT: MARC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 23275
TENNOTH: 160
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APPLICANT: Lynn Doucette-Stamm et al APPLICANT: Lynn Doucette-Stamm et al TITLE OF INFORMATION:

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO TITLE OF INVENTION: BYPENCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 032796-032

CURRENT APPLICATION NUMBER: US/09/134,000C

CURRENT FILING DATE: 1998-08-13

PRIOR APPLICATION NUMBER: US 60/055,778

PRIOR FILING DATE: 1997-08-15

NUMBER: OF SEQ ID NOS: 6812
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                                                                     25.0%; Score 5; DB 4; Length 158; 100.0%; Pred. No. 2e+02; cive 0; Mismatches 0; Indels
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SEQ ID NO 3710
LENGTH: 163
                                                                        Query Match 25.0
Best Local Similarity 100.
Matches 5; Conservative
ORGANISM: Candida albicans
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Best Local Similarity
Matches 5; Conserv
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Best Local Similarity
Matches 5; Conserv
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                    US-09-248-796A-23447
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US-09-252-991A-23275
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US-09-134-000C-3710
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Sequence 47191, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270, 767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
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APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
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Patent No. 6410718
GENERAL INFORMATION:
APPLICANT: Bloksberg, Leonard N.
TITLE OF INVENTION: Materials and Methods for the
TITLE OF INVENTION: Materials and Methods for the
TITLE OF INVENTION: MACHIGATION of Plant Lignin Content
FILE REFERENCE: 11000.1003.c4U
CURRENT APPLICATION NUMBER: US/09/615,192A
CURRENT FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 08/975,316
PRIOR FILING DATE: 1996-09-11
PRIOR APPLICATION NUMBER: US 08/713,000
PRIOR FILING DATE: 1996-09-11
PRIOR FILING DATE: 1996-09-11
PRIOR FILING DATE: 1998-10-09
NUMBER OF SEQ ID NOS: 405
NUMBER OF SEQ ID NOS: 405
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100.0%; Pred. No. 2.5
Live 0; Mismatches
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
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                       138 ETKFL 142
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US-09-270-767-47191
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US-09-615-192A-385
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LENGTH: 199
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APPLICANT: Marc J. Rubenfield et al.
APPLICANT: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ABENGRENOS: 107196.136
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1999-02-18
RRIOR APPLICATION NUMBER: US 60/094,190
RRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 32100
LENGTH: 185
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Patent No. 6703491
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 61094
LENGTH: 1955
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Best Local Similarity 100.0%; Pred. No. 2.3
Matches 5; Conservative 0; Mismatches
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  1998-07-27
                NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 21850
LENGTH: 183
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Best Local Similarity luv...
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Best Local Similarity
Matches 5; Conserv
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PRIOR FILING DATE:
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14 MLETK 18
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LENGIH: 235
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FILE PERFERENCE : 037796-032

FILE PERFERENCE: 037796-032

CURRENT APPLICATION NUMBER: US/09/134,000C

CURRENT FILING DATE: 1998-08-13

FRIOR FILING DATE: 1997-08-15

NUMBER OF SEQ ID NOS: 6812

SOFTWARE: Patentin version 3.1

SEQ ID NO 3778

LENGTH.
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: FILE REFERENCE: FILE REFERENCE: FILE REFERENCE: FILE REFERENCE: BY 09/270,767
CURRENT APPLICATION NUMBER: US/09/270,767
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 60336
LENGTH: 220
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US-09-627-376-12
US-09-627-376-12
Sequence 12, Application US/09627376
Patent No. 6342385
GENERAL INFORMATION:
APPLICANT: Q1, Fengxia
TITLE OF INVENTION: WITACIN I BIOSYNTHESIS GENES AND PROTEINS
FILE REFERENCE: UAB-17402/22
CURRENT FILING DATE: 2001-05-30
NUMBER OF SEQ ID NOS: 17
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                                                                                                                                                                                                                                                                                                   Score 5; DB 4; Length 215;
Pred. No. 2.6e+02;
0; Mismatches 0; Indels
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100.0%; Pred. No. 2.8
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 60336, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
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ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-3778
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SEQ ID NO 12
LENGTH: 233
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever TITLE OF INVENTION: and treatment of infection
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
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                                               GENERAL INFORMATION:
APPLICANT: Coi, Fengxia
APPLICANT: Caffield, Page W.
APPLICANT: Chen, Ping
TITLE OF INVENTION: MUTACIN I BIOSYNTHESIS GENES AND PROTEINS
FILE REPERENCE: UAB-17403/22
CURRENT PILING DATE: 2002-01-14
PRIOR APPLICATION NUMBER: US 99/627,376
PRIOR PLING DATE: 2000-07-28
NUMBER OF SED ID NOS: 19
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25.0%; Score 5; DB 4; Length 233; 100.0%; Pred. No. 2.8e+02; ive 0; Mismatches 0; Indels
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Patent No. 6551795
GENERAL INFORMATION:
PAPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AM
ITILE OF INVENTION: AERUGINOSA FOR DIAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-198-452A-818
; Sequence 818, Application US/09198452A
; Patent No. 6559294
; Sequence 12, Application US/10047676B ; Patent No. 6699970
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                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Streptococcus mutans
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Best Local Similarity 100...
5, Conservative
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Best Local Similarity
Matches 5; Conserv
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                                                                                                      Length 242;
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                                                                                                                                                             0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Yamaguchi, No. 57233180mi
APPLICANT: Kojima, Tetsuo
APPLICANT: Kojima, Tetsuo
APPLICANT: Oh-Eda, Masayoshi
APPLICANT: Hattori, Kunihiro
TITLE OF INVENTION: Genes Coding for Megakaryocyte
TITLE OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,819A FILING DATE: 21-APR-1995 CLASSIFICATION: 435
                                                                                                   DB 4; Len
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100.0%; Pred. No. 3e+02;
cive 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Birch, Stewart, Kolasch & Birch STREET: P.O. Box 747
CITY: Falls Church
                                                                                                25.0%; Score 5; DB 4
100.0%; Pred. No. 2.9
tive 0; Mismatches
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; Patent No. 6747137;
GBNEAL INFORMATION:
APPLICANT: Keith Weinstock et al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      230-107P
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 37, Application US/08426819A
Patent No: 5723318
         ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SS: not relevant not relevant
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 248 amino acids TYPE: amino acid
                                                                       Query Match
Best Local Similarity 100.v
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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(: USA
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APPLICANT: Yamagu
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                  ; UKS-09-252-991A-28343
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US-09-248-796A-27518
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FRAGMENT TYPE:
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                                                                                                                                                                                                                                                                                                                                                                    RESULT 72
US-08-426-819A-37
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US-09-134-001C-4165
Sequence 4165, Application US/09134001C
Sequence 4165, Application US/09134001C
Sequence 4165, Application US/09134001C
GENERAL INFORMATION:
TITLE OF INVENTION: WUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: BPIDERMIDIS FOR DIAGNOSTICS AND THERAPBUTICS
FILE REPERENCE: GTC-.007
CURRENT APPLICATION NUMBER: US 60/064,964
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR APPLICATION NUMBER: US 60/065,779
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
SEQ ID NOS: 5674
LENGTH: 239
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APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

FILE REFERENCE: 107196.136

CURRENT PAPLICATION NUMBER: US, 69/252, 991A

CURRENT FILING DATE: 1999-02-18

PRIOR PILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 28343
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FILE REFERENCE: 107196.136
CURRENT APPLICATION WUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR PILING DATE: 1998-02-18
FRIOR FILING DATE: 1998-07-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
LENGTH: 237
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100.0%; Pred. No. 2.9
:ive 0; Mismatches
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Patent No. 6551795
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; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-4165
                                                                                                                                                                                                                                                                                                                                     Pseudomonas aeruginosa
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Best Local Similarity الاست
الاستراكية المستراكية الم
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Best Local Similarity
Matches 5; Conserv
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US-09-252-991A-28343
                                                                                                                                                                                                                                                                                                                                  , ORGANISM: Pseudo
US-09-252-991A-23304
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPERENCE: 107196-132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR FULING DATE: 1999-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 27518
LENGTH: 257
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| GENERAL INPORMATION: Patent No. 656298|
| GENERAL INPORMATION: DEFECT OF ALL SEQUENCES RELATING TO ACINETOBACTER TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER TITLE OF INVENTION: BAUMANNI FOR DIAGNOSTICS AND THERAPEUTICS
| TITLE REFERENCE: GTC99-03P4 |
| CURRENT APPLICATION NUMBER: US/09/328,352 |
| CURRENT FILING DATE: 1999-06-04 |
| NUMBER OF SEQ ID NOS: 8252 |
| LENGTH: 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 21547, Application US/09252991A
Sequence 21547, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS;
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,190
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 21547
LENGTH: 259
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                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Candida albicans US-09-248-796A-27518
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Best Local Similarity 100.
Matches 5; Conservative
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US-09-328-352-6699
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25.0%; Score 5; DB 4; Length 264; 100.0%; Pred. No. 3.1e+02; ive 0; Mismatches 0; Indels
                   Best Local Similarity 100.
Matches 5; Conservative
     Query Match
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14 MLETK 18

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Search completed: October 26, 2004, 07:25:08 Job time: 24.25 secs

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